

FIG. 1

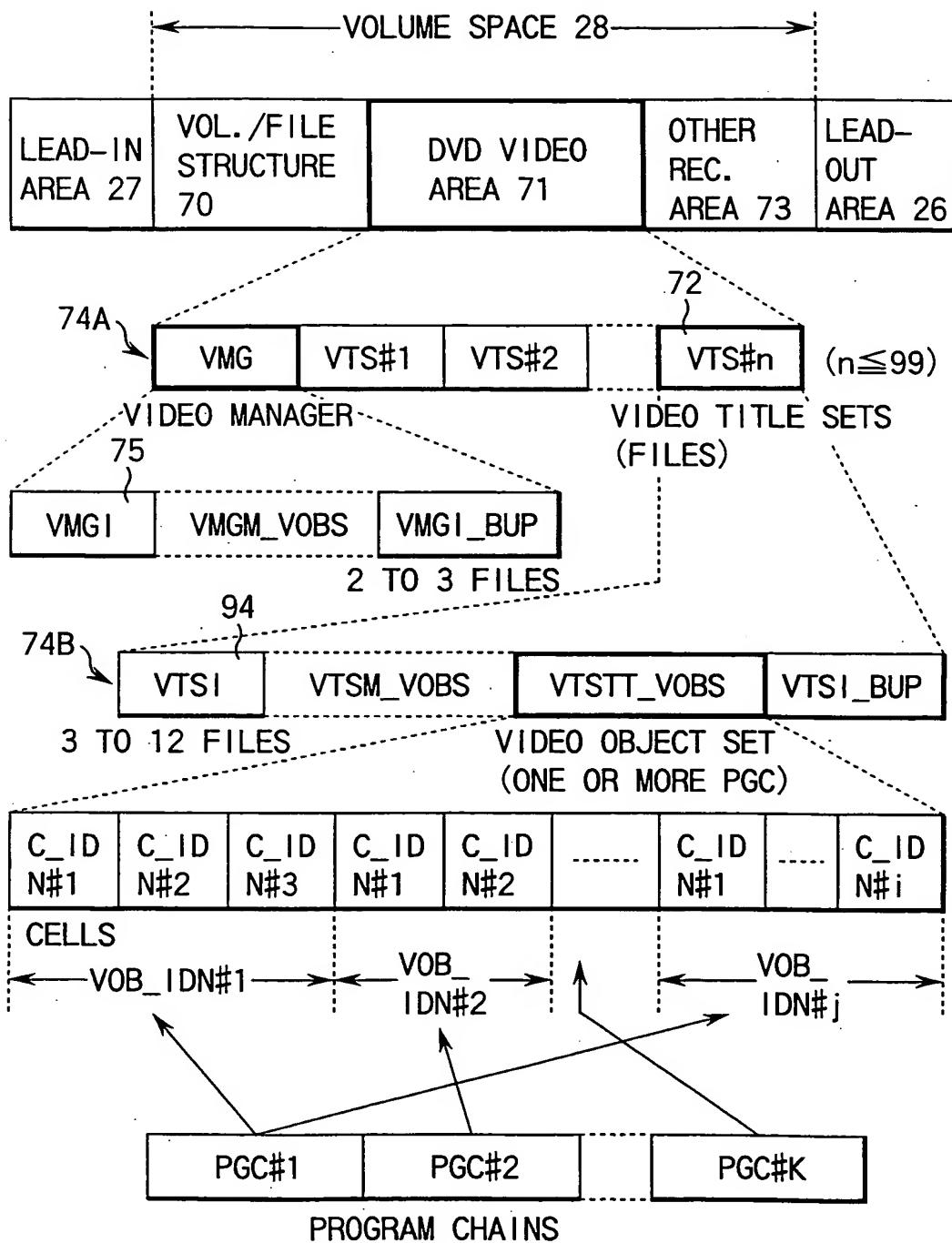


FIG. 2

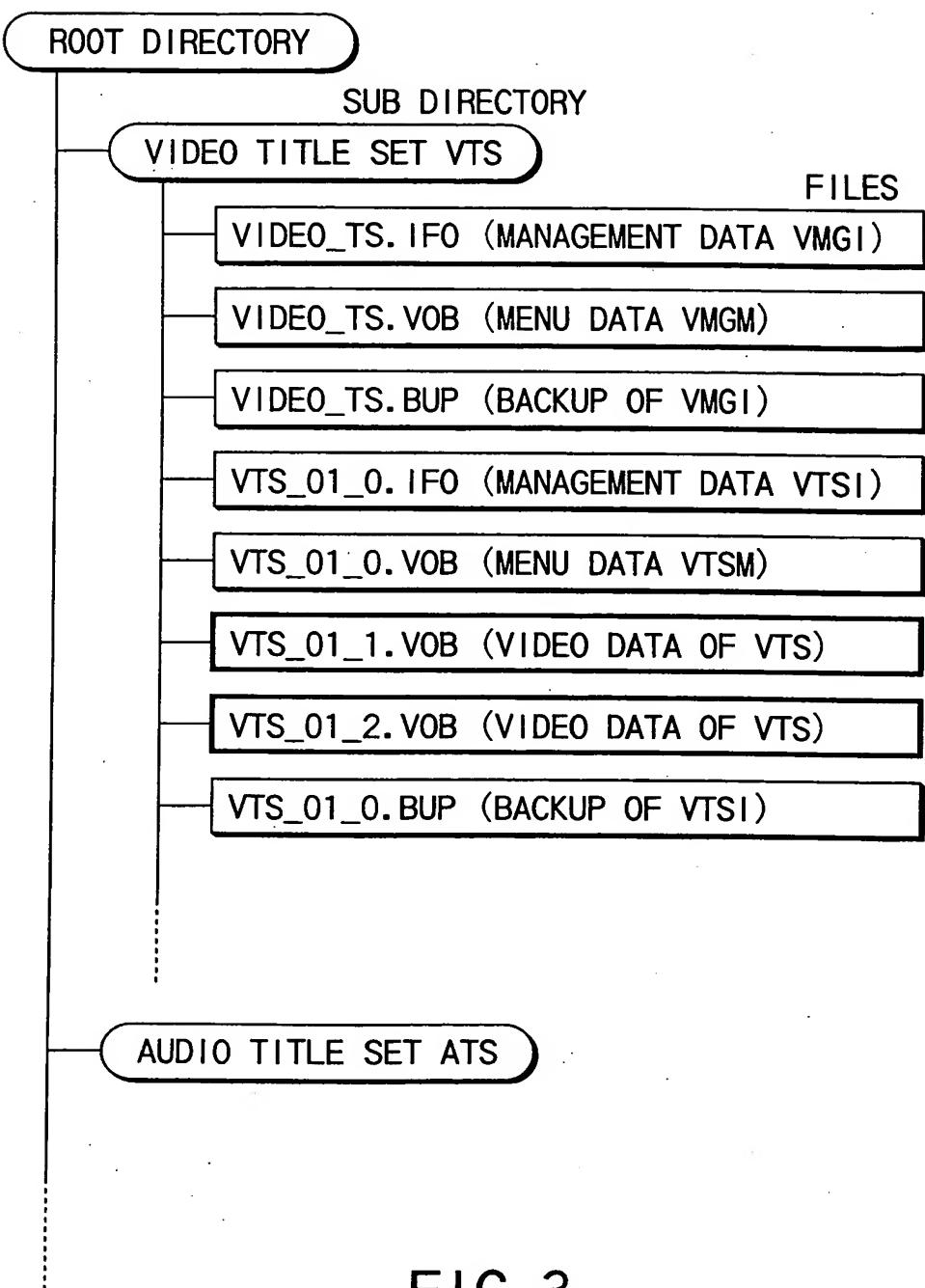
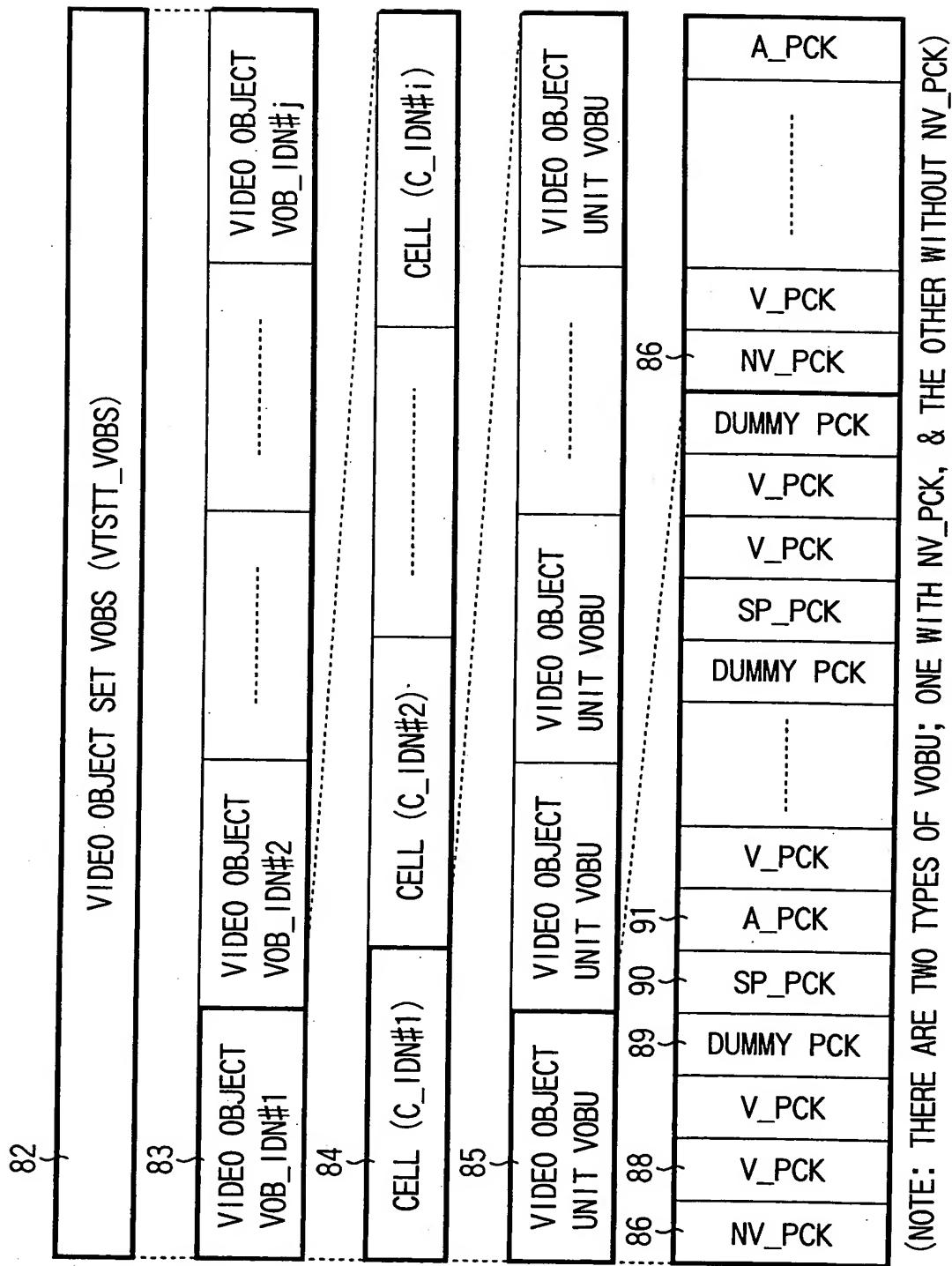


FIG. 3



(NOTE: THERE ARE TWO TYPES OF VOBU; ONE WITH NV_PCK, & THE OTHER WITHOUT NV_PCK)

FIG. 4

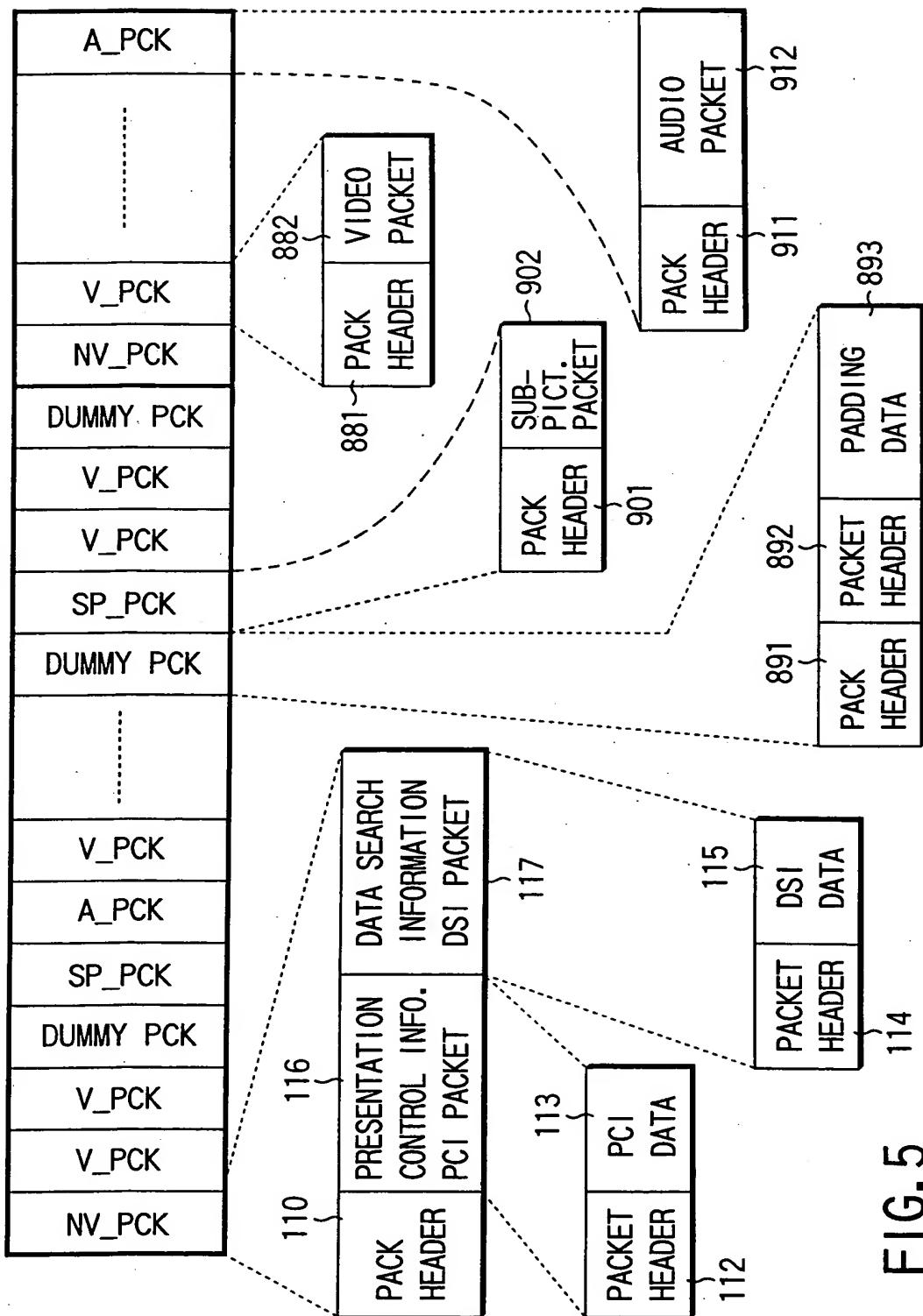


FIG. 5

CONTENTS OF PRESENTATION CONTROL INFORMATION PCI

SYMBOL	CONTENTS
PCI_GI	PCI GENERAL INFORMATION
NSML_AGLI	ANGLE INFO. FOR NONSEAMLESS
HLI	HIGHLIGHT INFORMATION
RECI	RECORDING INFORMATION

FIG. 6

CONTENTS OF PRESENTATION CONTROL INFORMATION
GENERAL INFORMATION PCI_GI

SYMBOL	CONTENTS
NV_PCK_LBN	LOGICAL BLOCK NUMBER OF NAVIGATION PACK
VOBU_CAT	CATEGORY OF VOBU
RESERVED	RESERVED
VOBU_UOP_CTL	USER OPERATION CONTROL OF VOBU
VOBU_S_PT	START PTM OF VOBU
VOBU_E_PT	END PTM OF VOBU
VOBU_SE_E_PT	END PTM OF SEQUENCE END IN VOBU
C_ELT	CELL ELAPSE TIME
RESERVED	RESERVED

FIG. 7

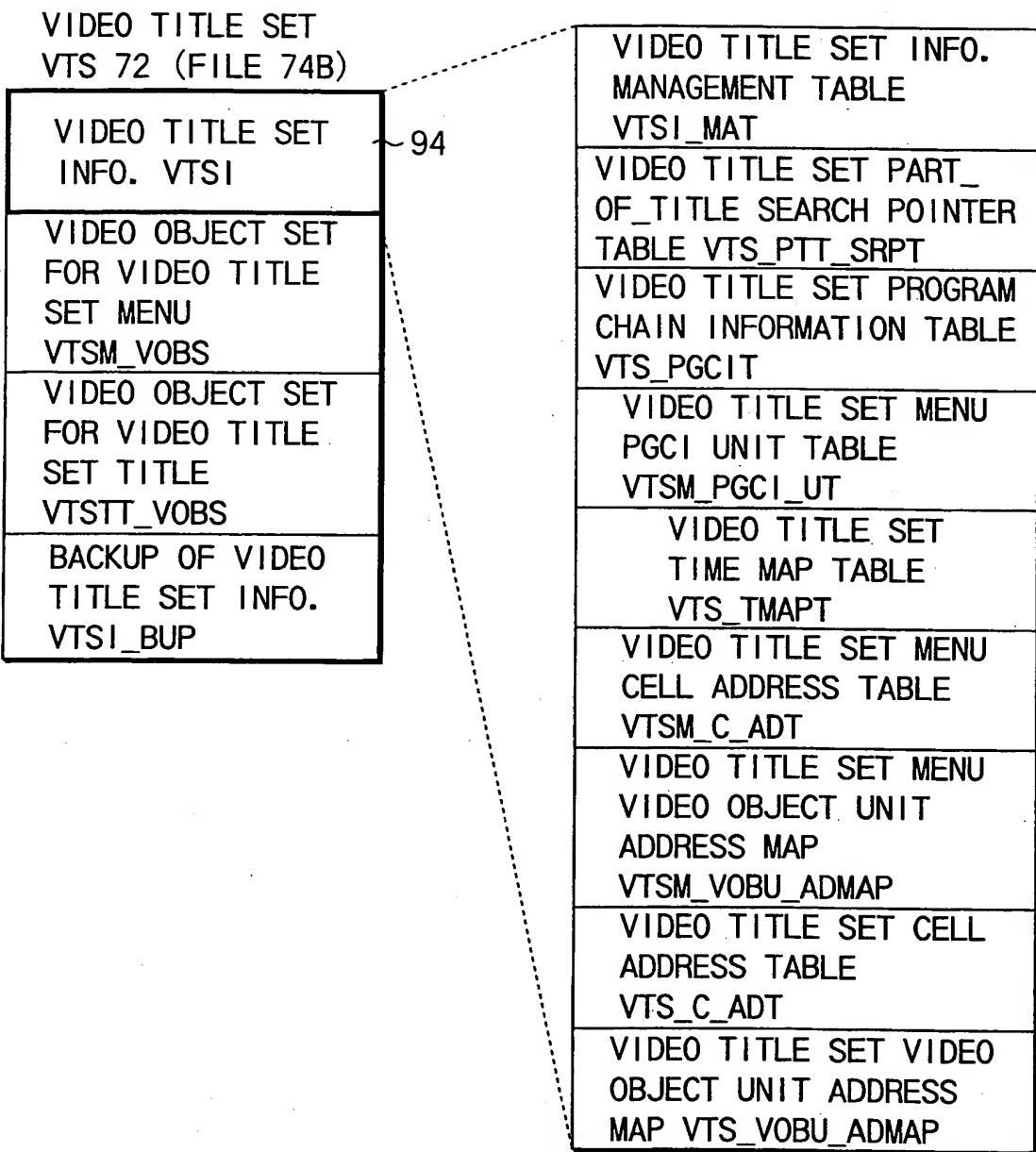


FIG. 8

VIDEO TITLE SET INFO. VTSI 94

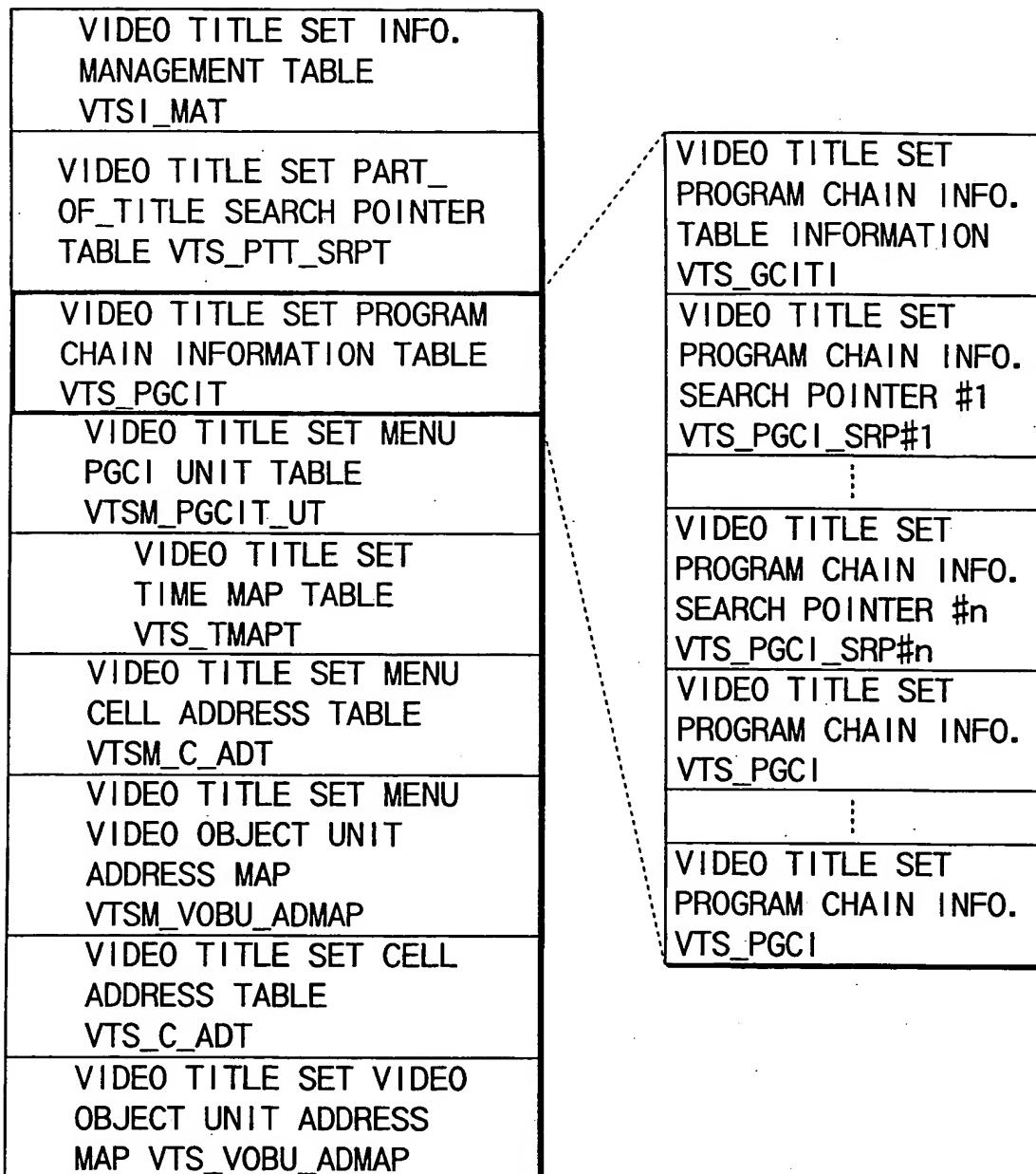


FIG. 9

STRUCTURE OF PROGRAM CHAIN INFO. PGC1

PROGRAM CHAIN GENERAL INFO.
PGC_GI
PROGRAM CHAIN COMMAND TABLE
PGC_CMDT
PROGRAM CHAIN PROGRAM MAP
PGC_PGMAP
CELL PLAYBACK INFO. TABLE
C_PBIT
CELL POSITION INFO. TABLE
C_POSIT

FIG. 10

CONTENTS OF CELL PLAYBACK INFO. TABLE C_PBIT

CELL PLAYBACK INFO. #1 (C_PBI#1)
CELL PLAYBACK INFO. #2 (C_PBI#2)
CELL PLAYBACK INFO. #n (C_PBI#n)

FIG. 11

CONTENTS OF CELL PLAYBACK INFORMATION C_PBI

SYMBOL	CONTENTS
C_CAT	CELL CATEGORY
C_PBTM	CELL PLAYBACK TIME
C_FVOBU_SA	START ADR. OF 1ST VOBU IN CELL
C_FILVU_EA	END ADR. OF 1ST ILVU IN CELL
C_LVOBU_SA	START ADR. OF LAST VOBU IN CELL
C_LVOBU_EA	END ADR. OF LAST VOBU IN CELL
CELL TYPE	ERASION LEVEL FLAG 00h=PLAYBACK IS PERMITTED & AUTOMATIC ERASION IS PROHIBITED 01h=PLAYBACK IS PERMITTED & AUTOMATIC ERASION IS PROHIBITED

FIG. 12

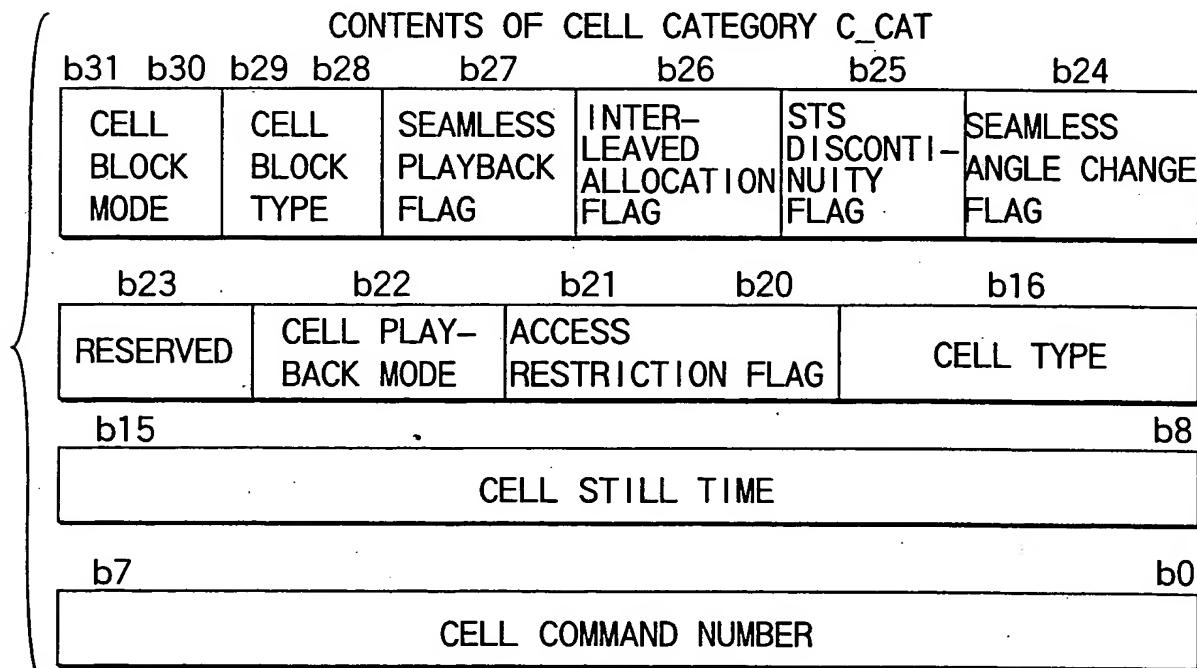


FIG. 13

CONTENTS OF PROGRAM CHAIN GENERAL INFO. PGC_GI

SYMBOL	CONTENTS
PGC_CNT	PGC CONTENTS
PGC_PB_TM	PGC PLAYBACK TIME
PGC_UOP_CTL	PGC USER OPERATION CONTROL
PGC_AST_CTLT	PGC AUDIO STREAM CONTROL TABLE
PGC_SPST_CTLT	PGC SUB-PICT. STREAM CONTROL TABLE
PGC_NV_CTL	PGC NAVIGATION CONTROL
PGC_SP_PLT	PGC SUB-PICTURE PALETTE
PGC_CMDT_SA	START ADR. OF PGC COMMAND TABLE
PGC_PGMAP_SA	START ADR. OF PROGRAM MAP
C_PBIT_SA	START ADR. OF CELL PLAYBACK TABLE
C_POSIT_SA	START ADR. OF CELL POS. INFO. TABLE

FIG. 14

CONTENTS OF PGC GENERAL INFO. PGC_GI FOR TRASH PGC

SYMBOL	CONTENTS
PGC_CNT	PGC CONTENTS
PGC_PB_TM	PGC PLAYBACK TIME
PGC_UOP_CTL	PGC USER OPERATION CONTROL
PGC_AST_CTLT	PGC AUDIO STREAM CONTROL TABLE
PGC_SPST_CTLT	PGC SUB-PICT. STREAM CONTROL TABLE
PGC_NV_CTL	PGC NAVIGATION CONTROL
PGC_SP_PLT	PGC SUB-PICTURE PALETTE
PGC_CMDT_SA	START ADR. OF PGC COMMAND TABLE
PGC_PGMAP_SA	START ADR. OF PROGRAM MAP
C_PBIT_SA	START ADR. OF CELL PLAYBACK TABLE
C_POSIT_SA	START ADR. OF CELL POS. INFO. TABLE
TRASH_PGC_FLG	TRASH PGC FLAG 01h=TRASH PGC 00h=CONVENTIONAL PGC

FIG. 15

CONTENTS OF C_PBI FOR TRASH PGC

SYMBOL	CONTENTS
C_CAT	PGC CATEGORY
C_PBTM	PGC PLAYBACK TIME
C_FV0BU_SA	START ADR. OF 1ST VOBU IN CELL
C_FILVU_EA	END ADR. OF 1ST ILVU IN CELL
C_LV0BU_SA	START ADR. OF LAST VOBU IN CELL
C_LV0BU_EA	END ADR. OF LAST VOBU IN CELL
PGC_N	ORIGINAL PGC NUMBER OF CURRENT CELL
C_ID_N	CORRESPONDING CELL NUMBER OF ORIGINAL PGC

FIG. 16

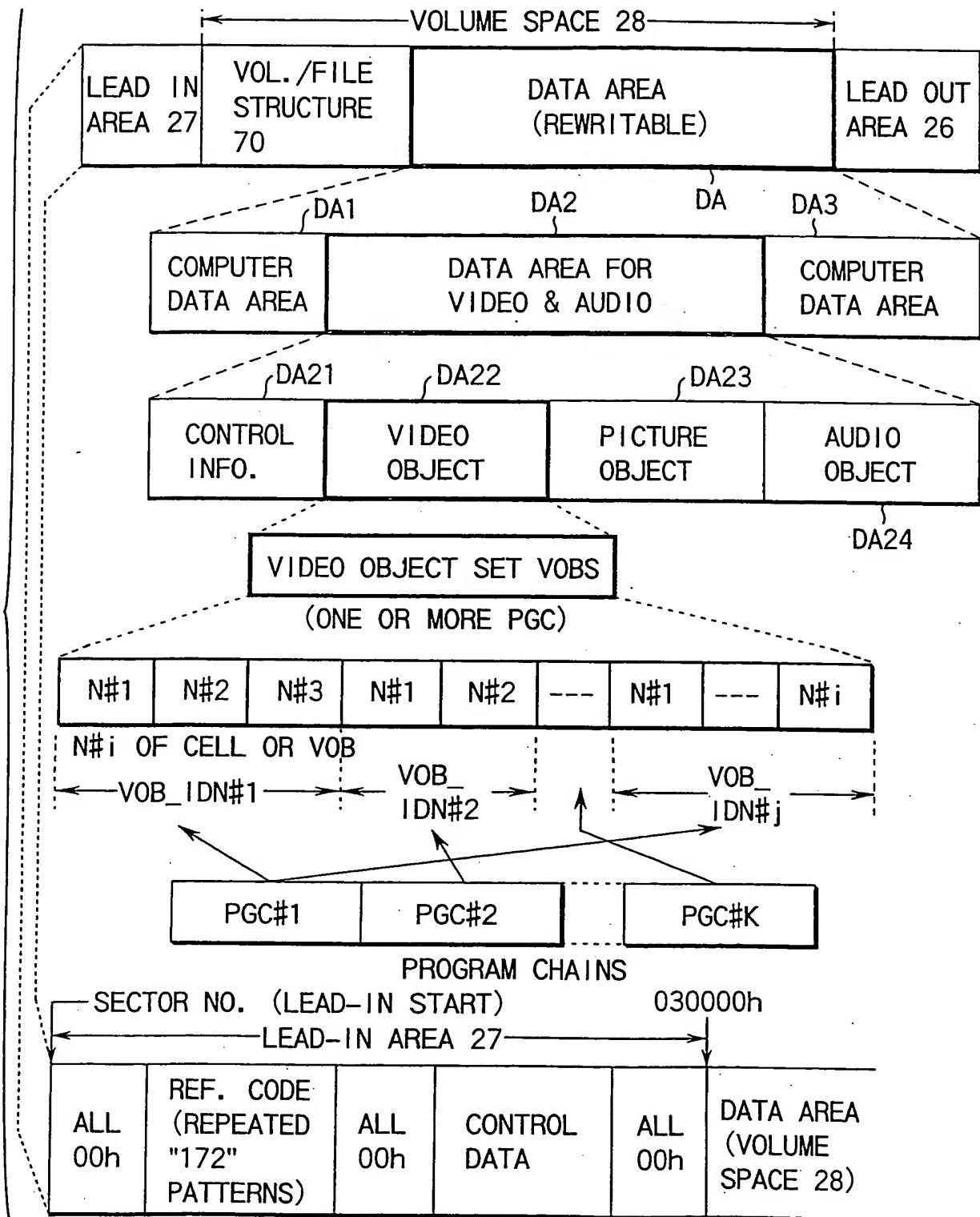


FIG. 17

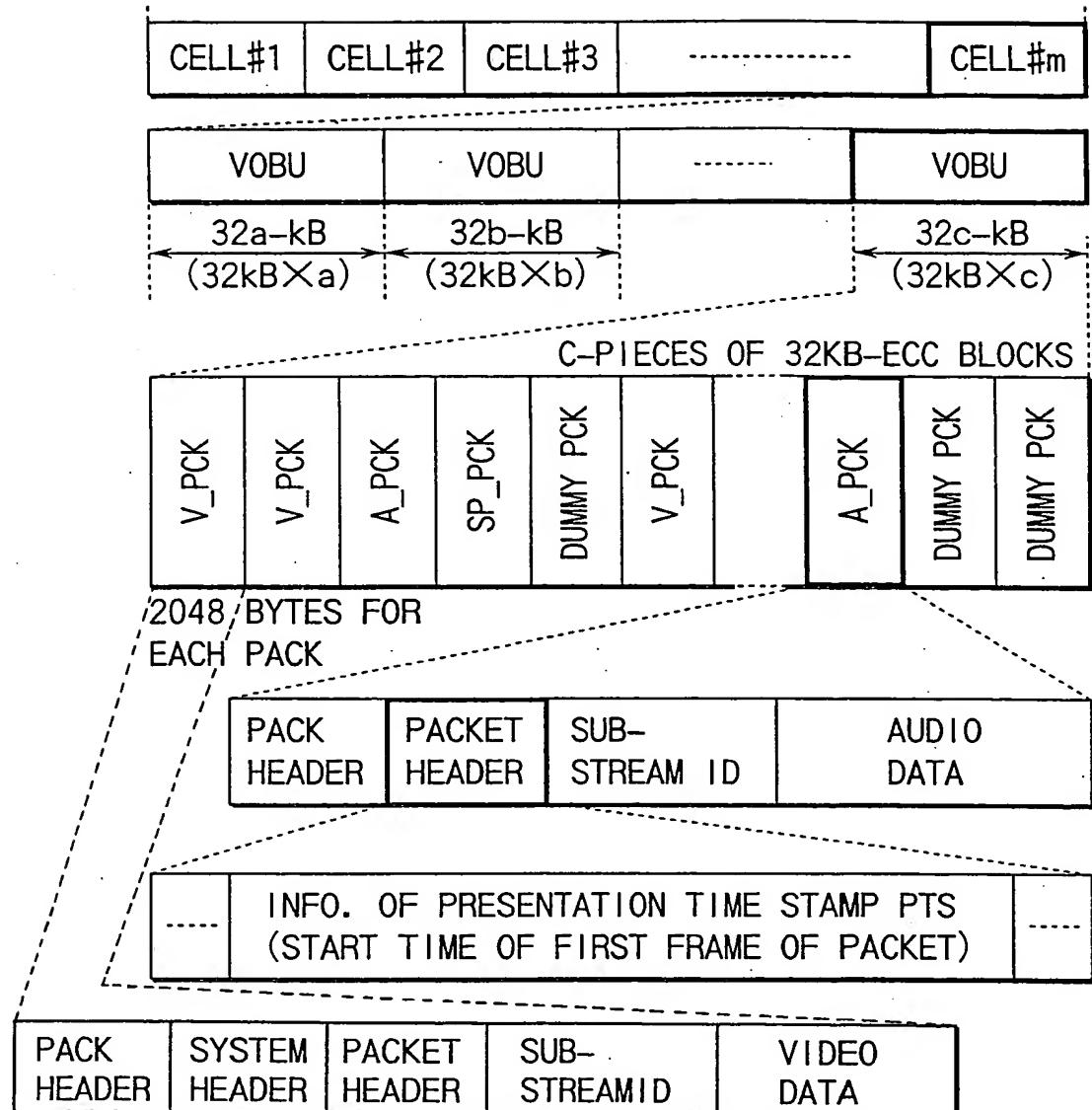


FIG. 18

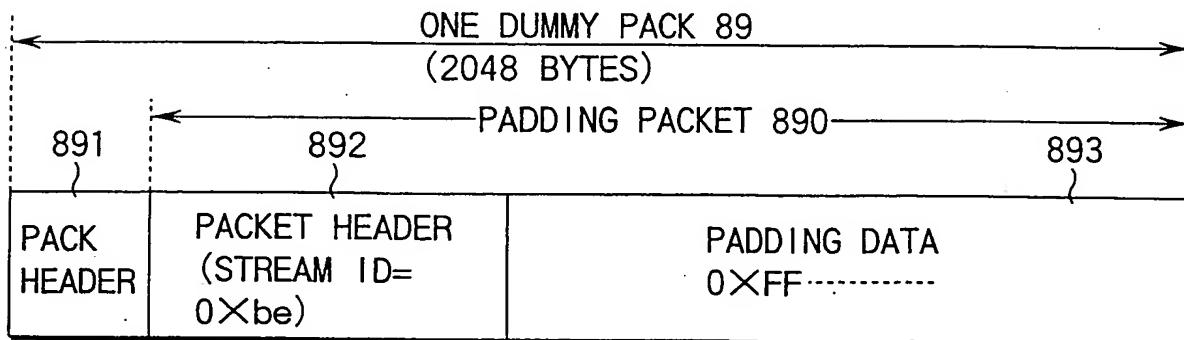


FIG. 19

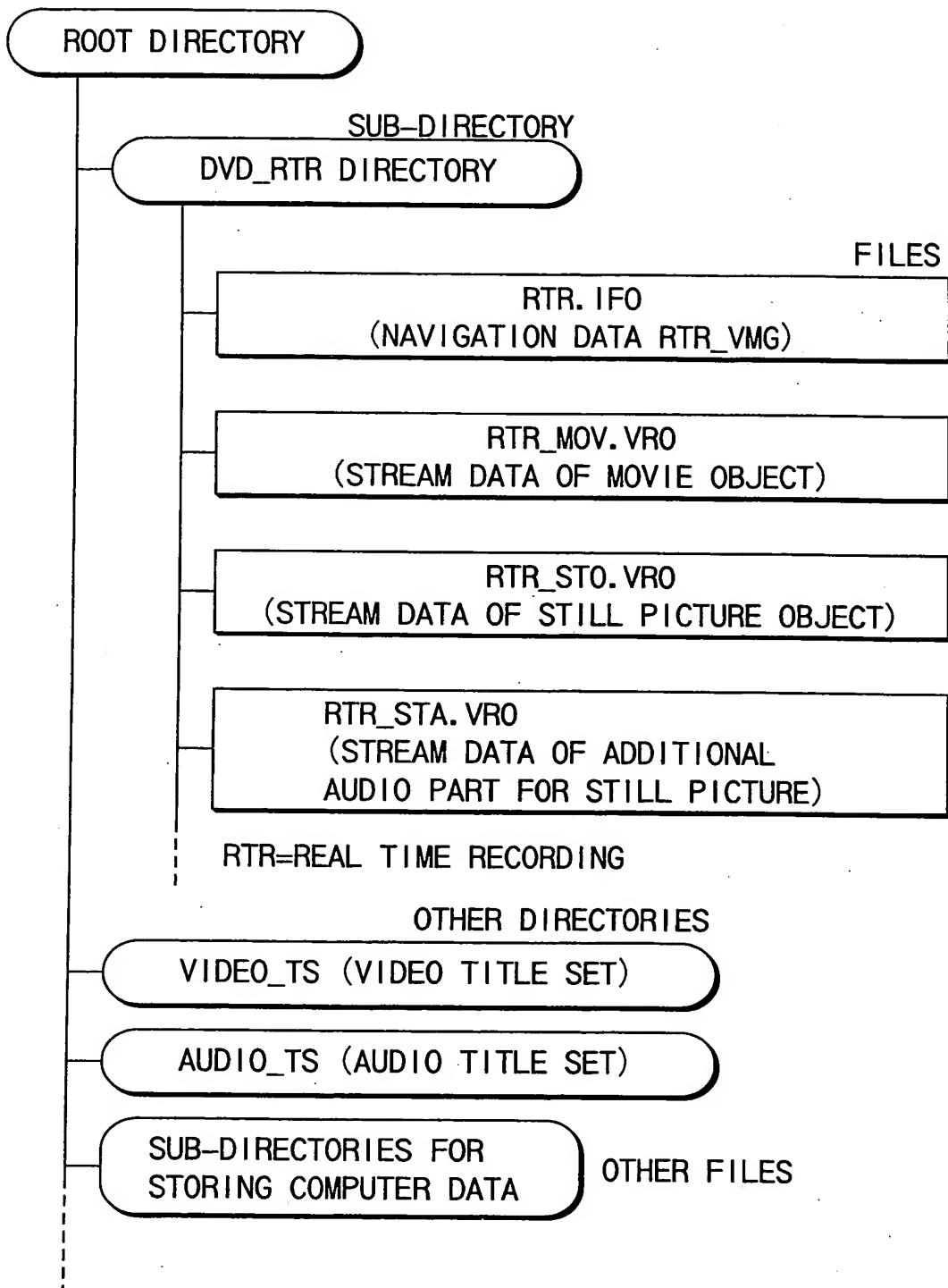


FIG. 20

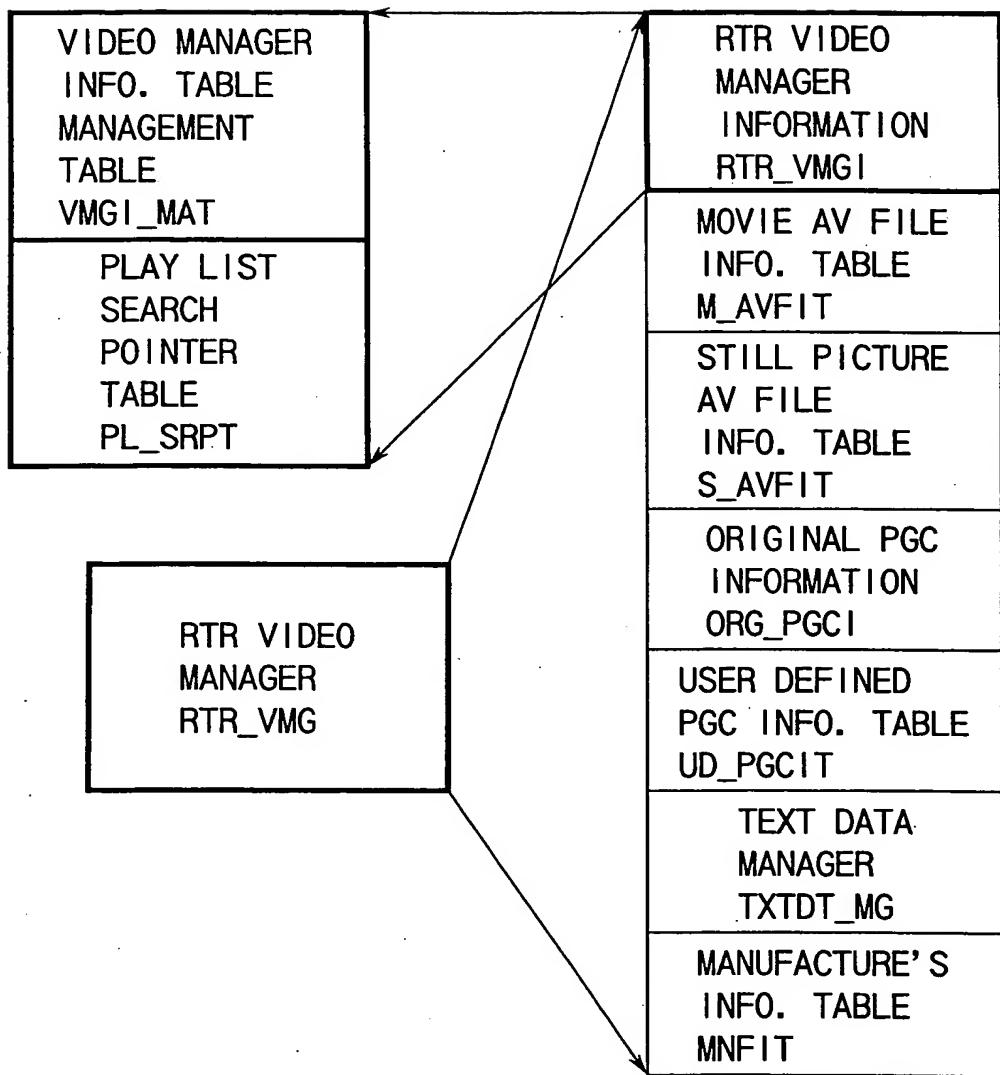


FIG. 21

CONTENTS OF VMGI_MAT

FIELD NAME	CONTENTS
VMG_ID	VMG IDENTIFIER
RTR_VNG_EA	END ADDRESS OF RTR_VMG
RESERVED	RESERVED
VMGI_EA	END ADDRESS OF VMGI
VERN	VERSION NUMBER OF DVD SPEC. FOR VIDEO RECORDING
RESERVED	RESERVED
TM_ZONE	TIME ZONE
STILL_TM	STILL TIME FOR STILL PICTURES
CHRS	CHARACTER SET CODE FOR PRIMARY TEXT
RSM_MRKI	RESUME MARKER INFORMATION
REP_PICTI	DISC REPRESENTATIVE PICTURE INFORMATION
RESERVED	RESERVED
M_AVFIT_SA	START ADDRESS OF M_AVFIT
S_AVFIT_SA	START ADDRESS OF S_AVFIT
RESERVED	RESERVED
ORG_PGC1_SA	START ADDRESS OF ORG_PGC1
UD_PGC1T_SA	START ADDRESS OF UD_PGC1T
TXTDT_MG_SA	START ADDRESS OF TXTDT_MG
MNFIT_SA	START ADDRESS OF MNFIT
RESERVED	RESERVED

FIG. 22

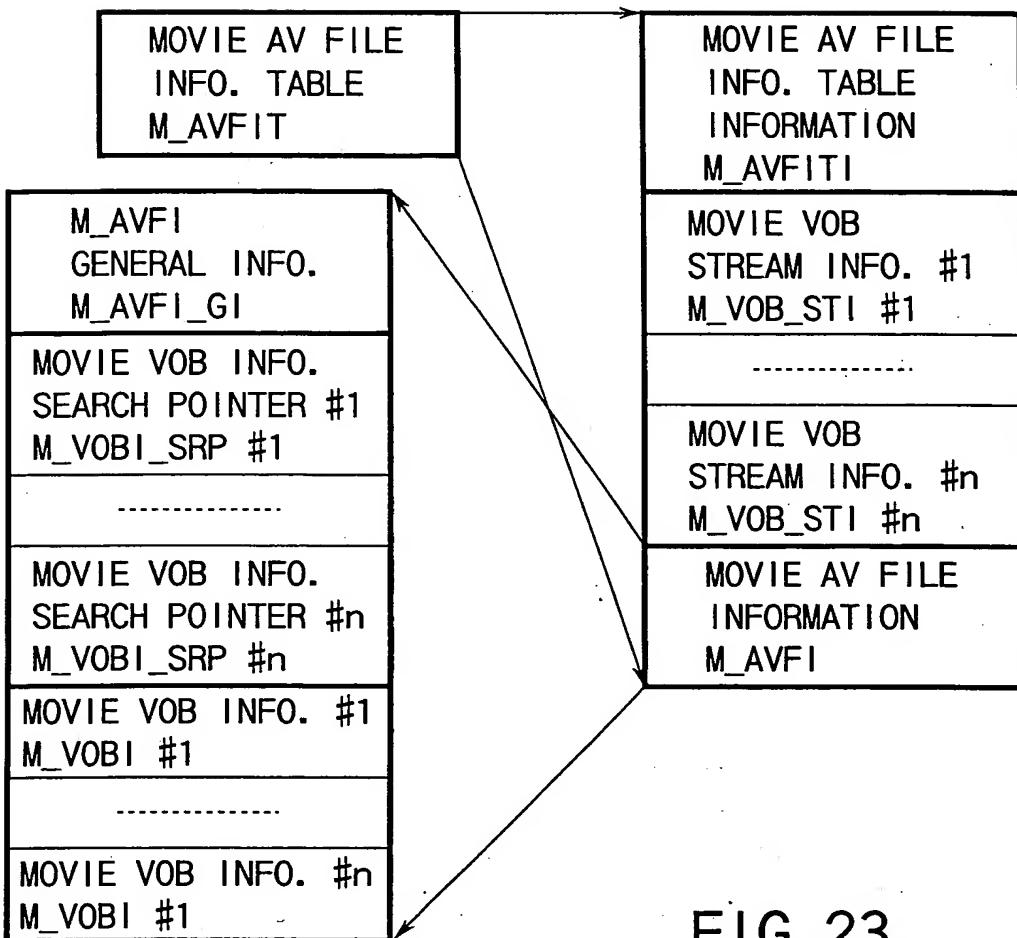


FIG. 23

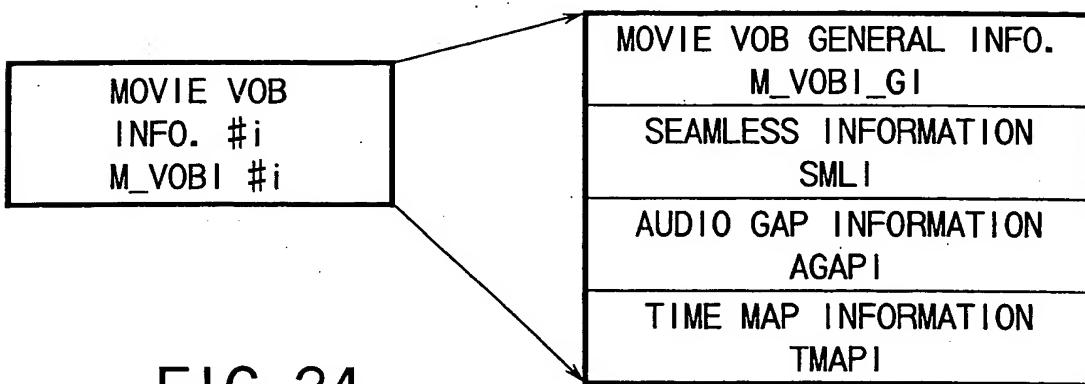


FIG. 24

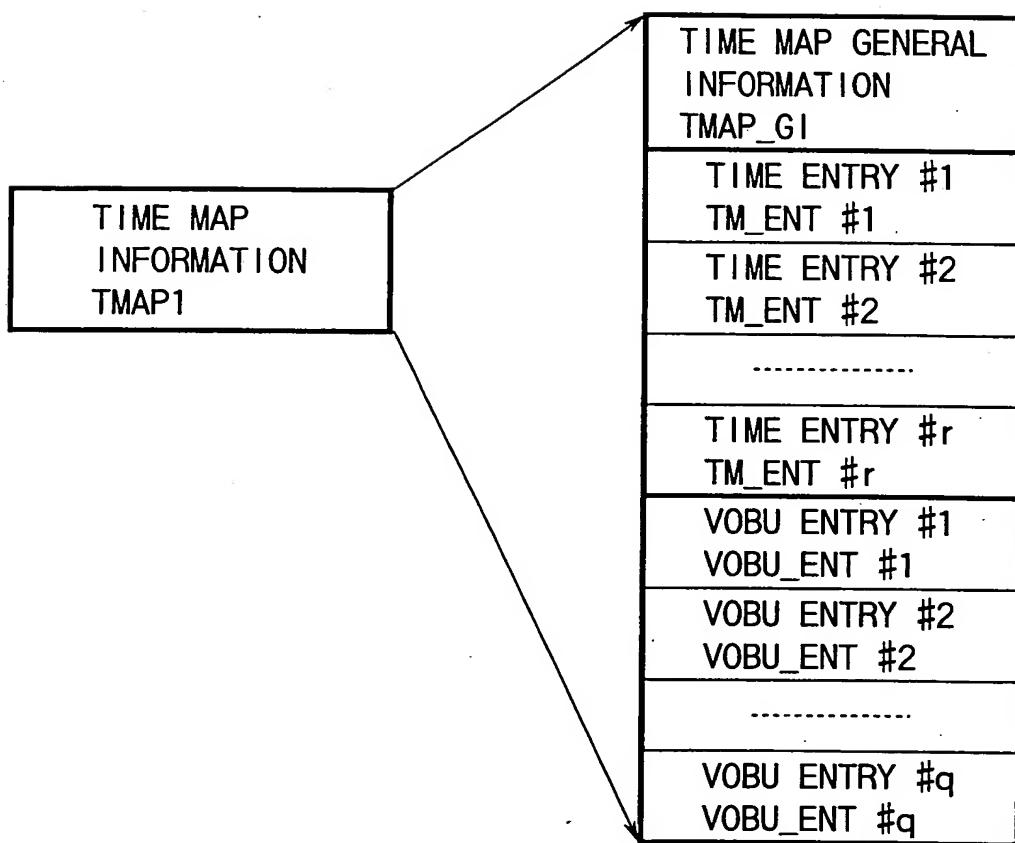


FIG. 25

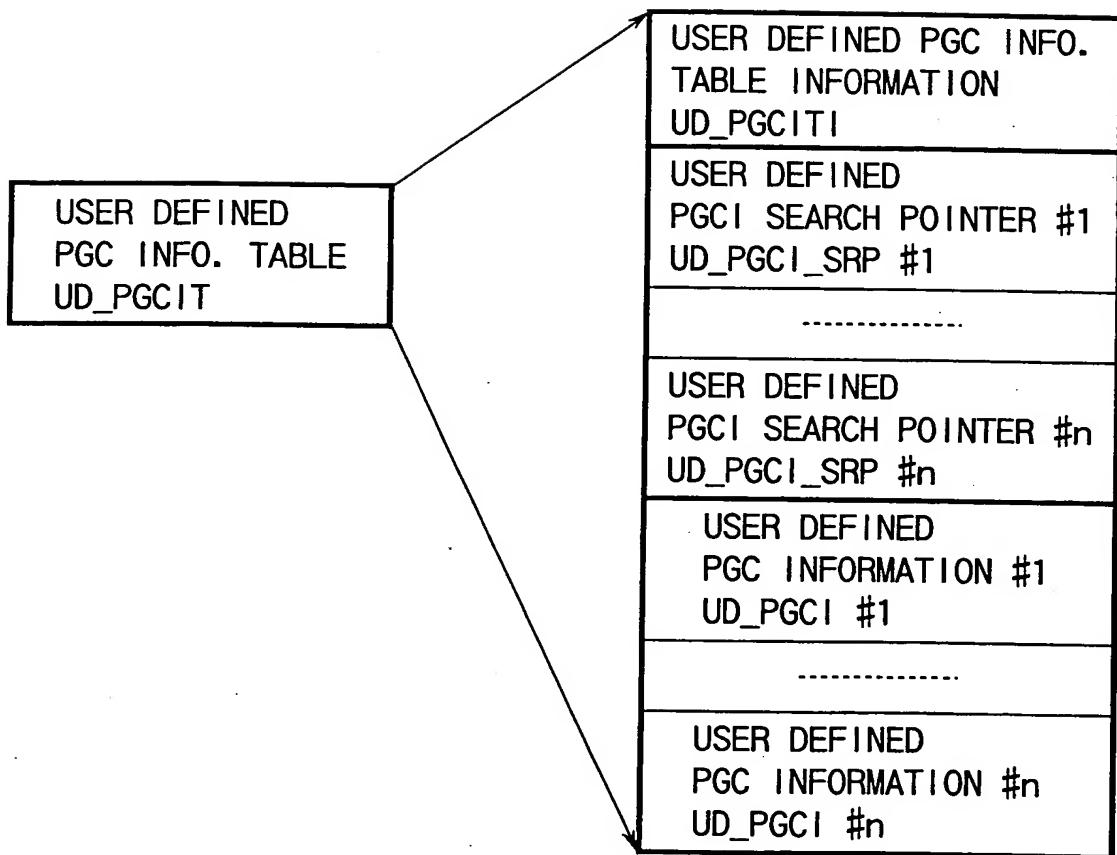


FIG. 26

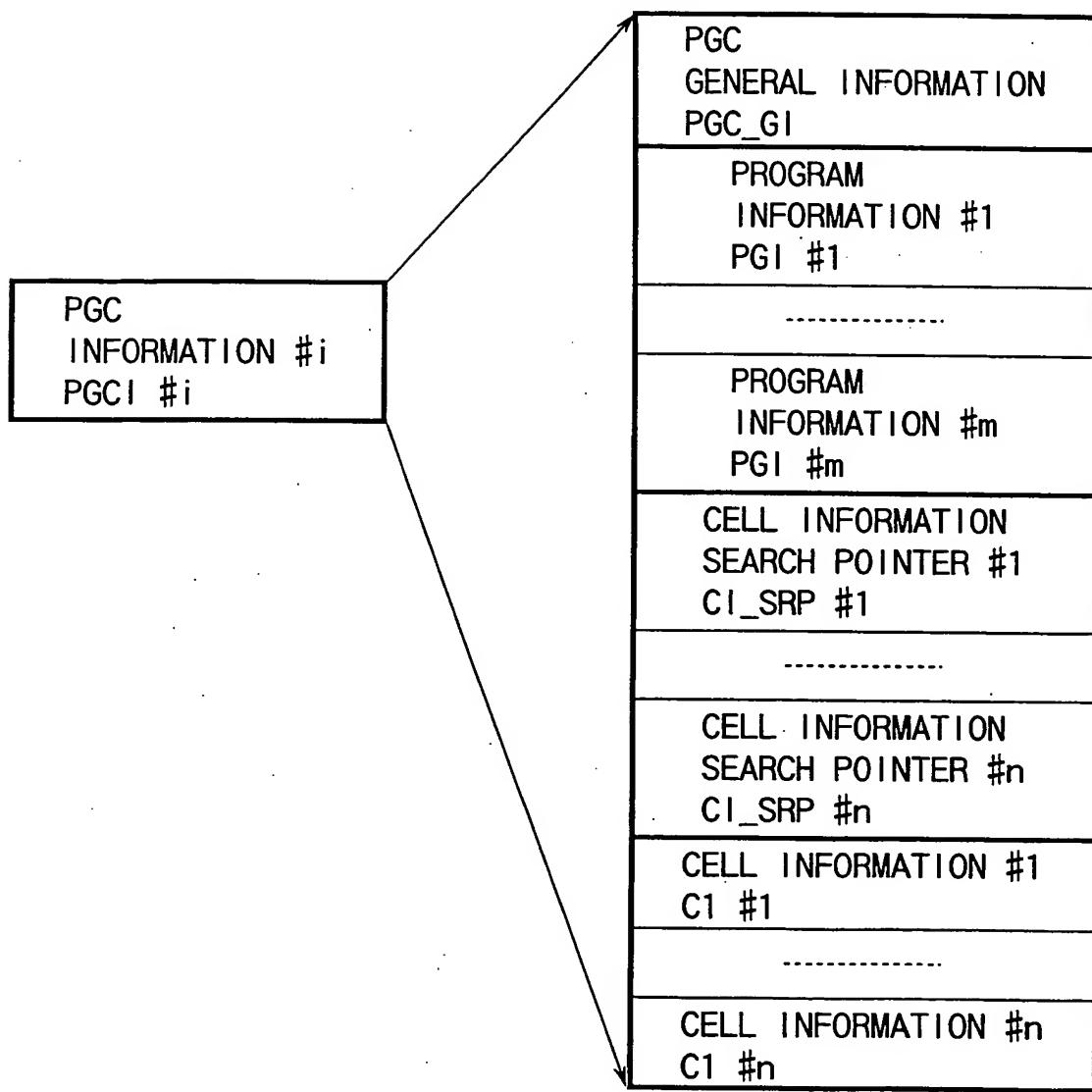


FIG. 27

CONTENTS OF PGC_GI

FIELD NAME	CONTENTS
RESERVED	RESERVED
PG_Ns	NUMBER OF PROGRAMS
CI_SRP_Ns	NUMBER OF CI SEARCH POINTERS
TRASH_PGC_FLG	TRASH PGC FLAG 01h=TRASH PGC 00h=CONVENTIONAL PGC

FIG. 28

CONTENTS OF PGI

FIELD NAME	CONTENTS
RESERVED	RESERVED
PG_TY	PROGRAM TYPE
C_Ns	NUMBER OF CELLS IN PROGRAM
PRM_TXTI	PRIMARY TEXT INFORMATION
IT_TXT_SRPN	ITEM TEXT SRP NUMBER
THM_PTRI	THUMBNAIL POINTER INFORMATION

FIG. 29

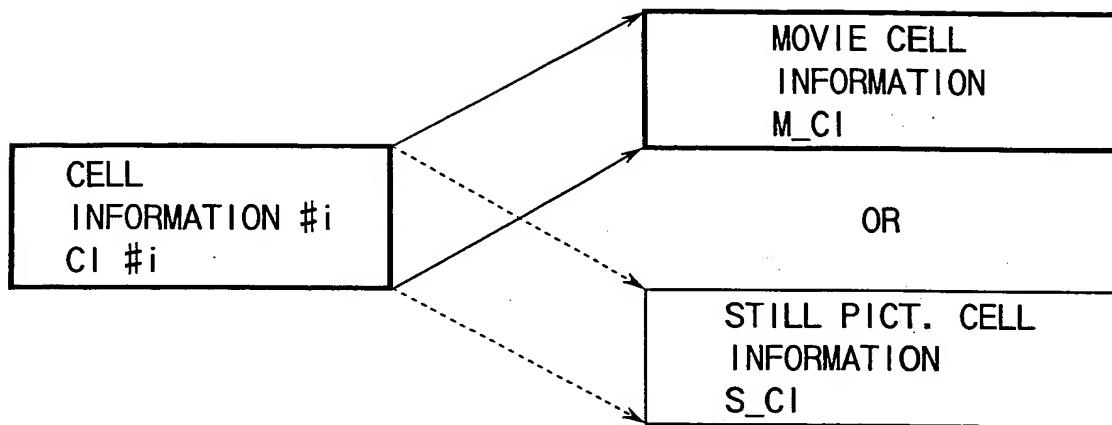


FIG. 30

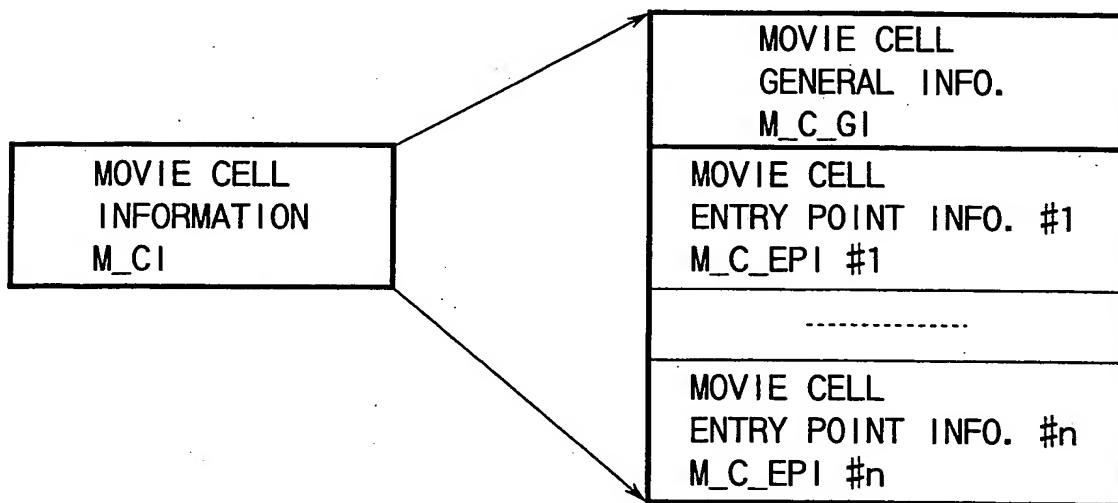


FIG. 31

CONTENTS OF M_C_GI

FIELD NAME	CONTENTS
RESERVED	RESERVED
C_TY	CELL TYPE
M_VOBI_SRPN	MOVIE VOBI SRP NUMBER
C_EPI_Ns	NUMBER OF CELL ENTRY POINT INFO.
C_V_S_PTM	PRESENTATION START TIME OF CELL
C_V_E_PTM	PRESENTATION END TIME OF CELL

FIG. 32

CONTENTS OF M_C_EPI

FIELD NAME	CONTENTS
EP_TY	ENTRY POINT TYPE
EP_PTM	PTM OF ENTRY POINT
PRM_TXTI	PRIMARY TEXT INFORMATION

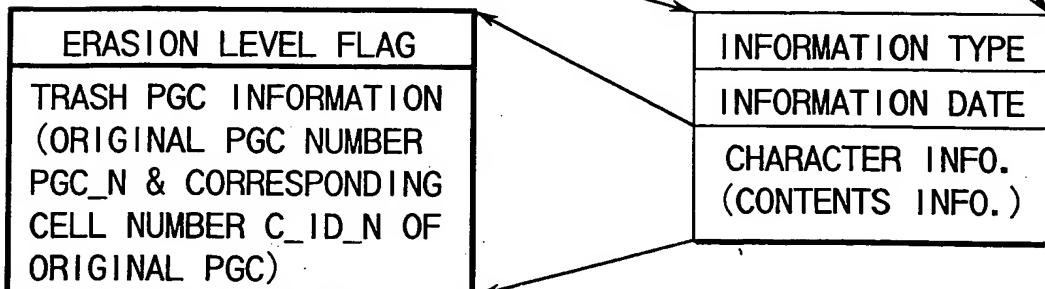


FIG. 33

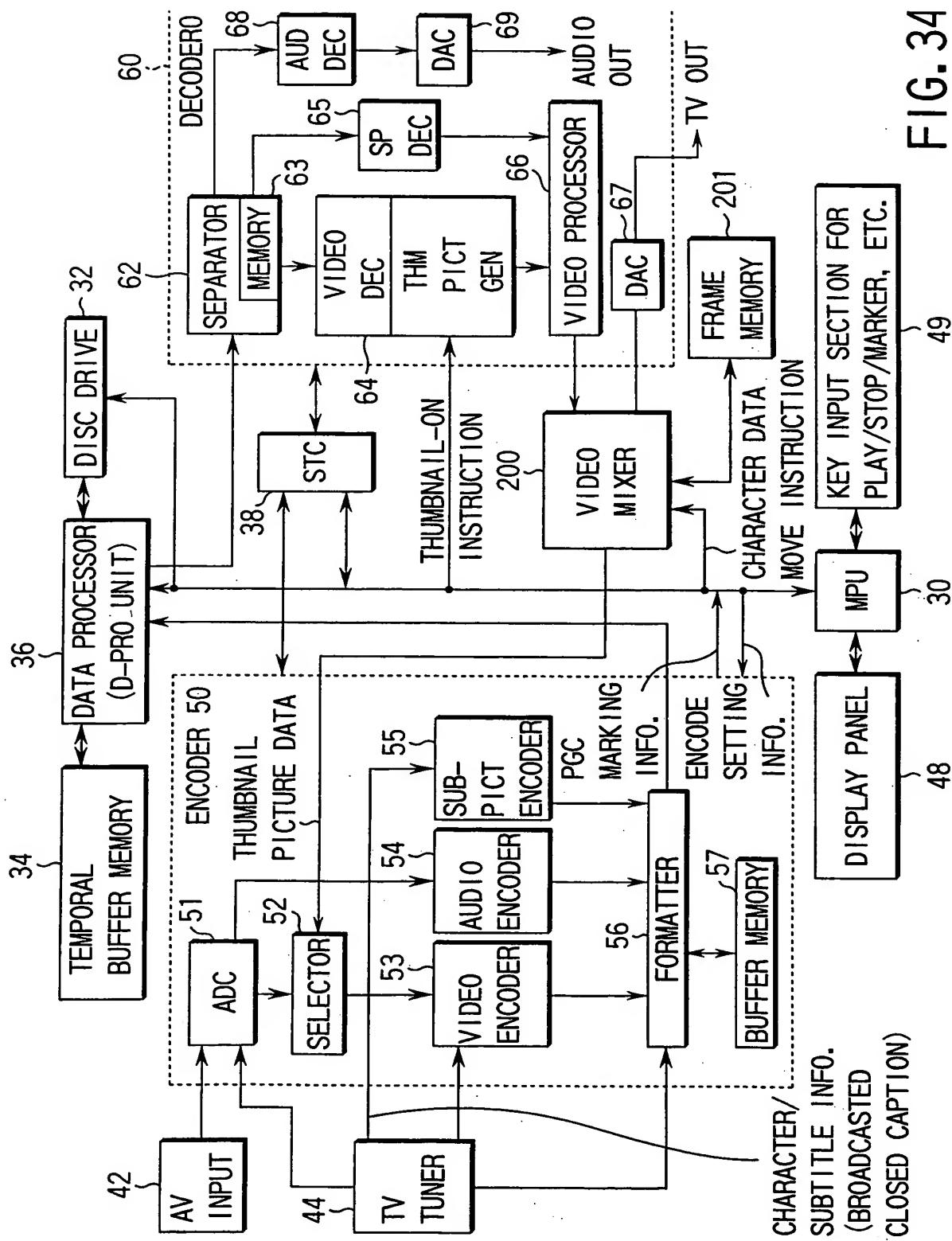


FIG. 34

49

30

48

(BROADCASTED
CLOSED CAPTION)

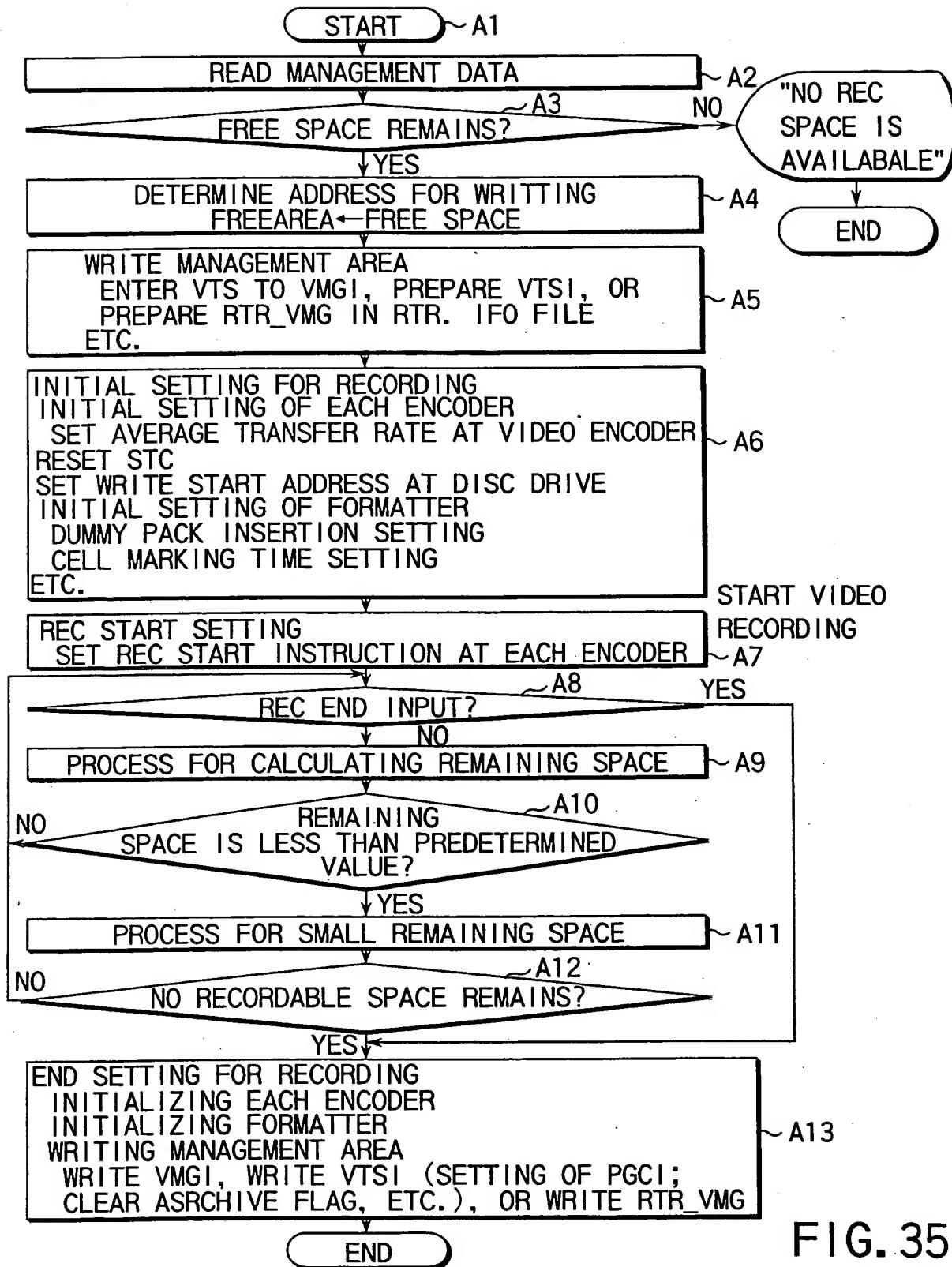


FIG. 35

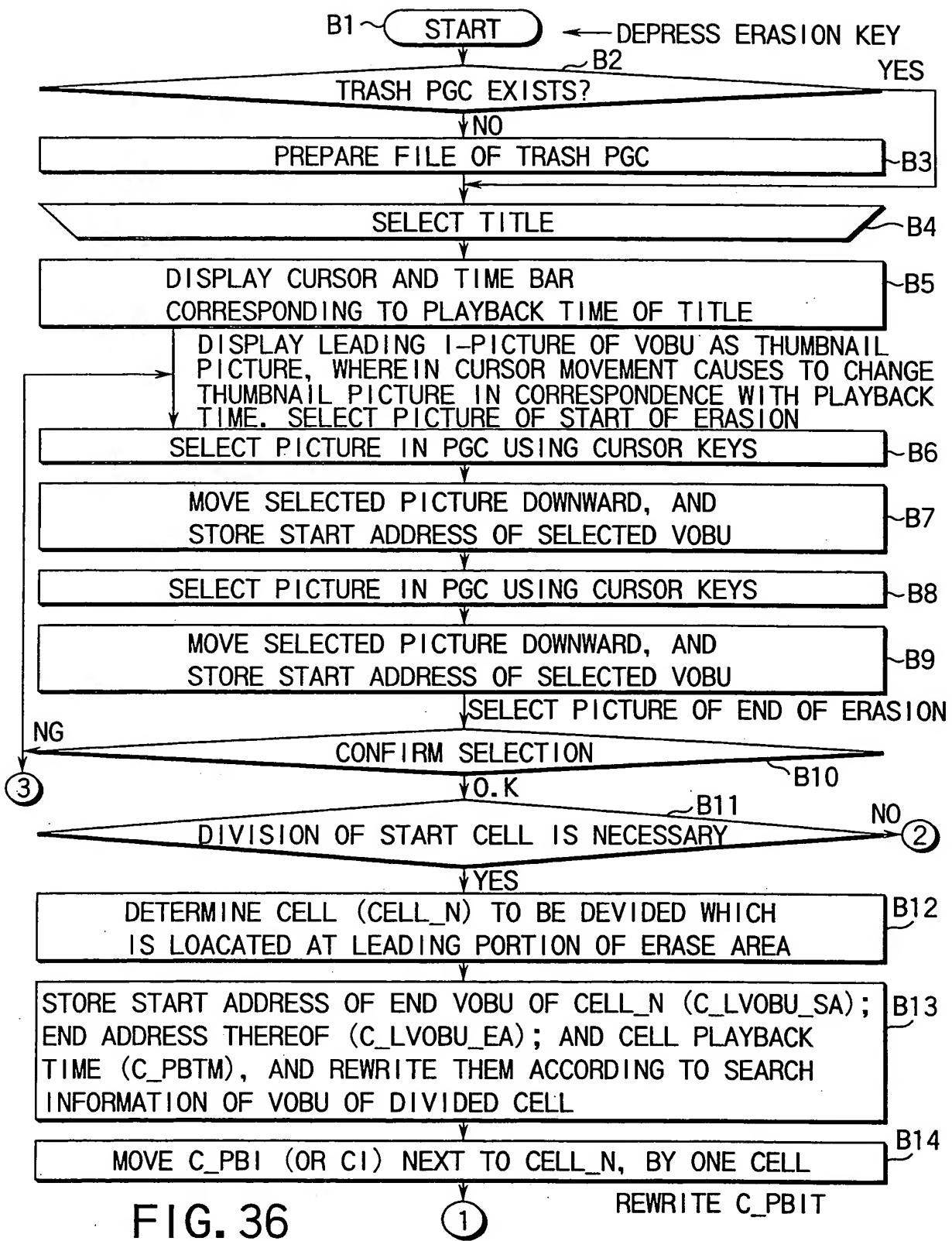


FIG. 36

1

REWRITE C_PBIT

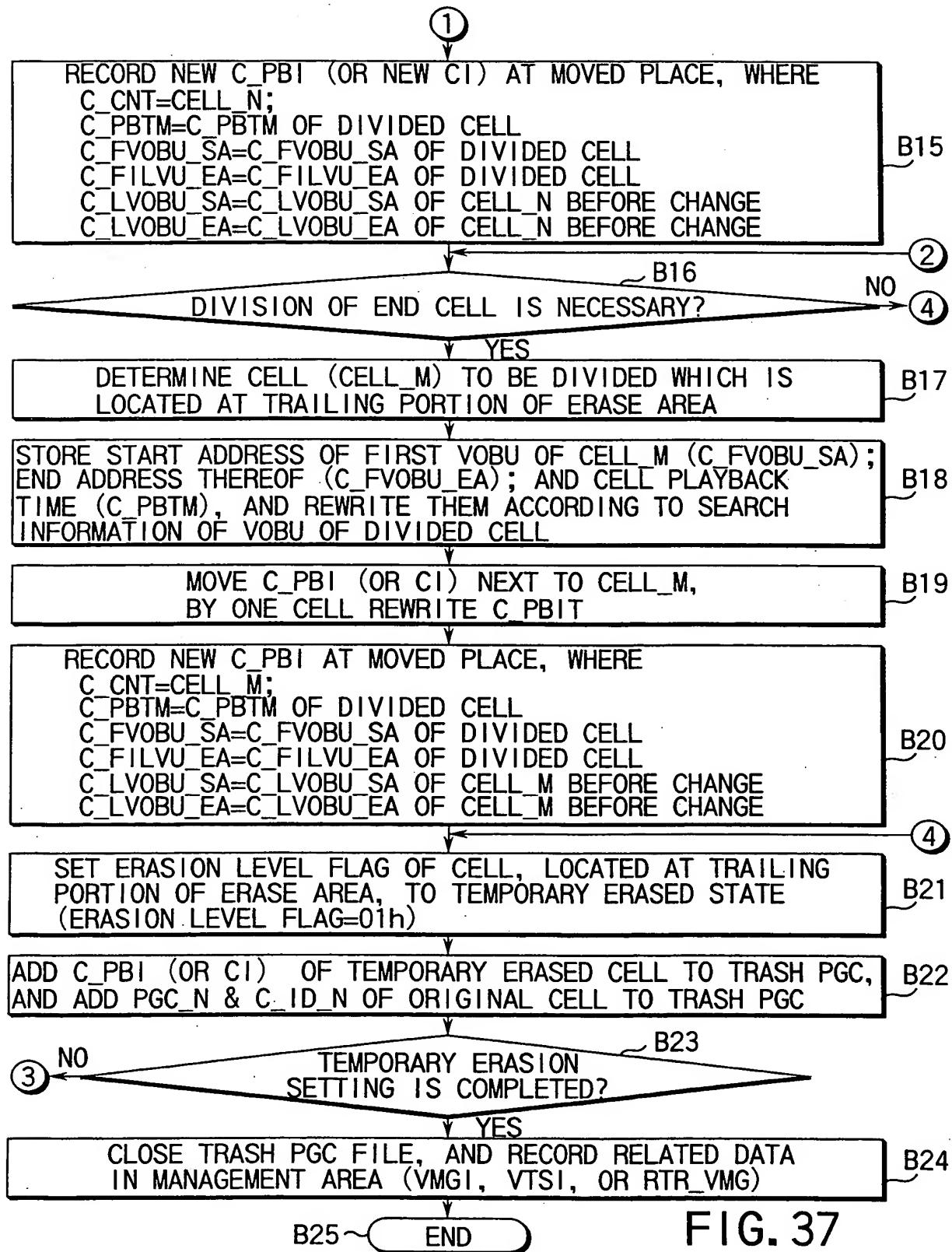


FIG. 37

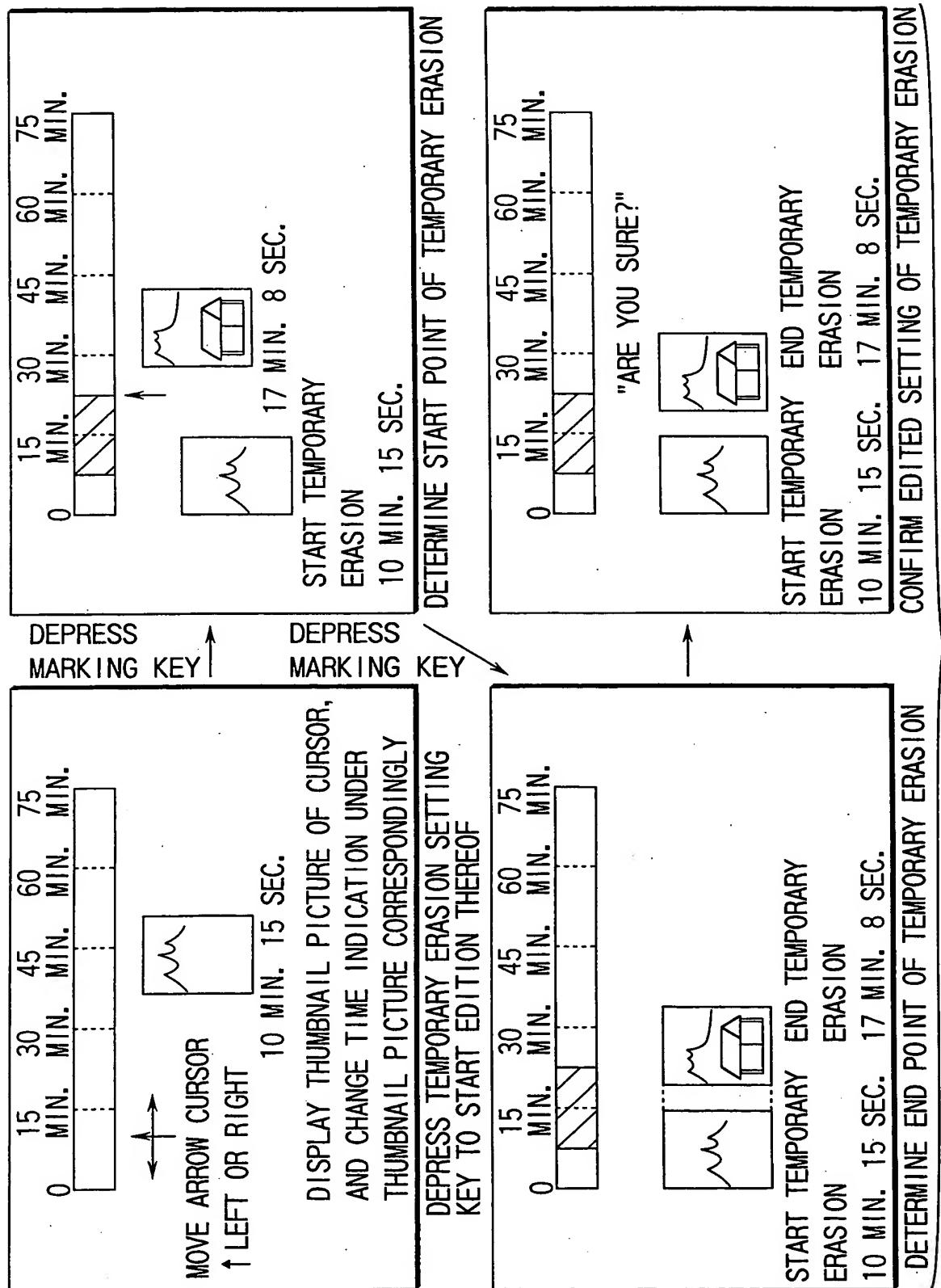
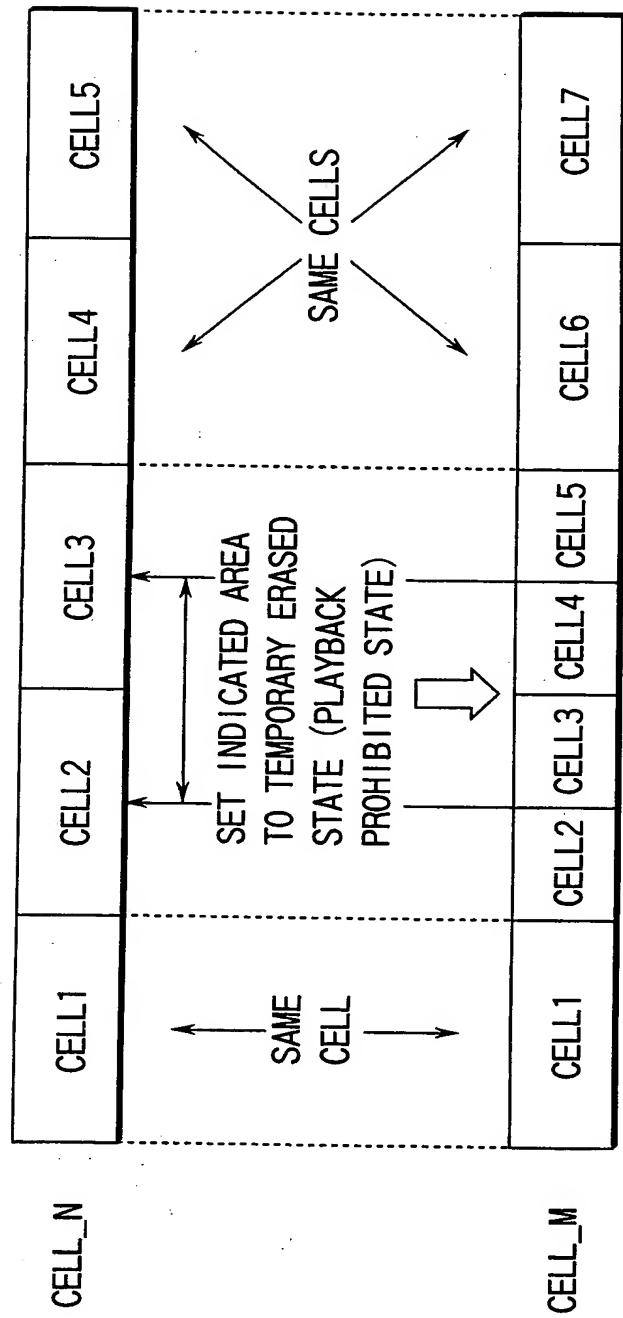


FIG. 38



SET ERASION LEVEL FLAG (FIG. 12) AT CELLS 3 AND 4

FIG. 39

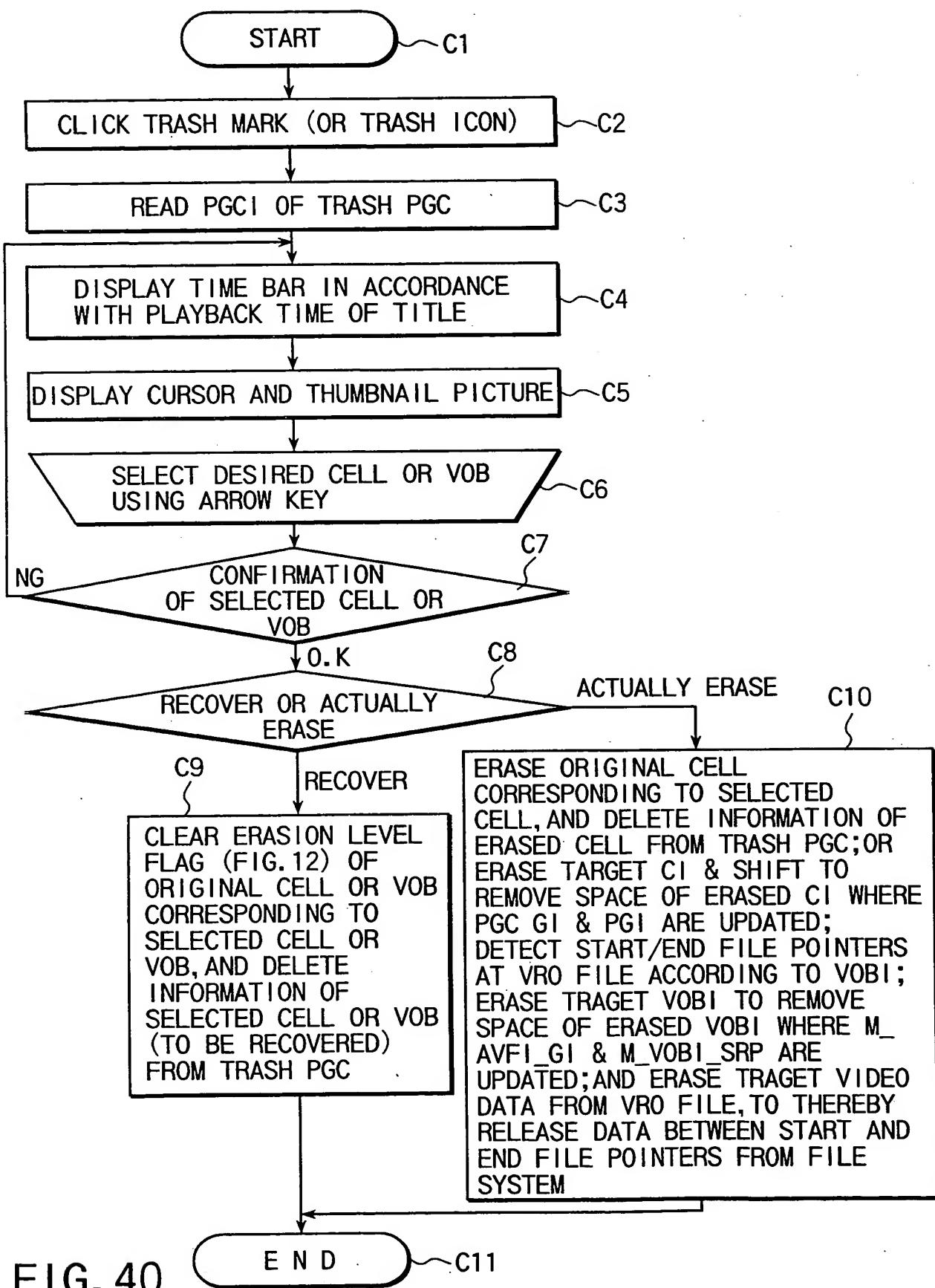
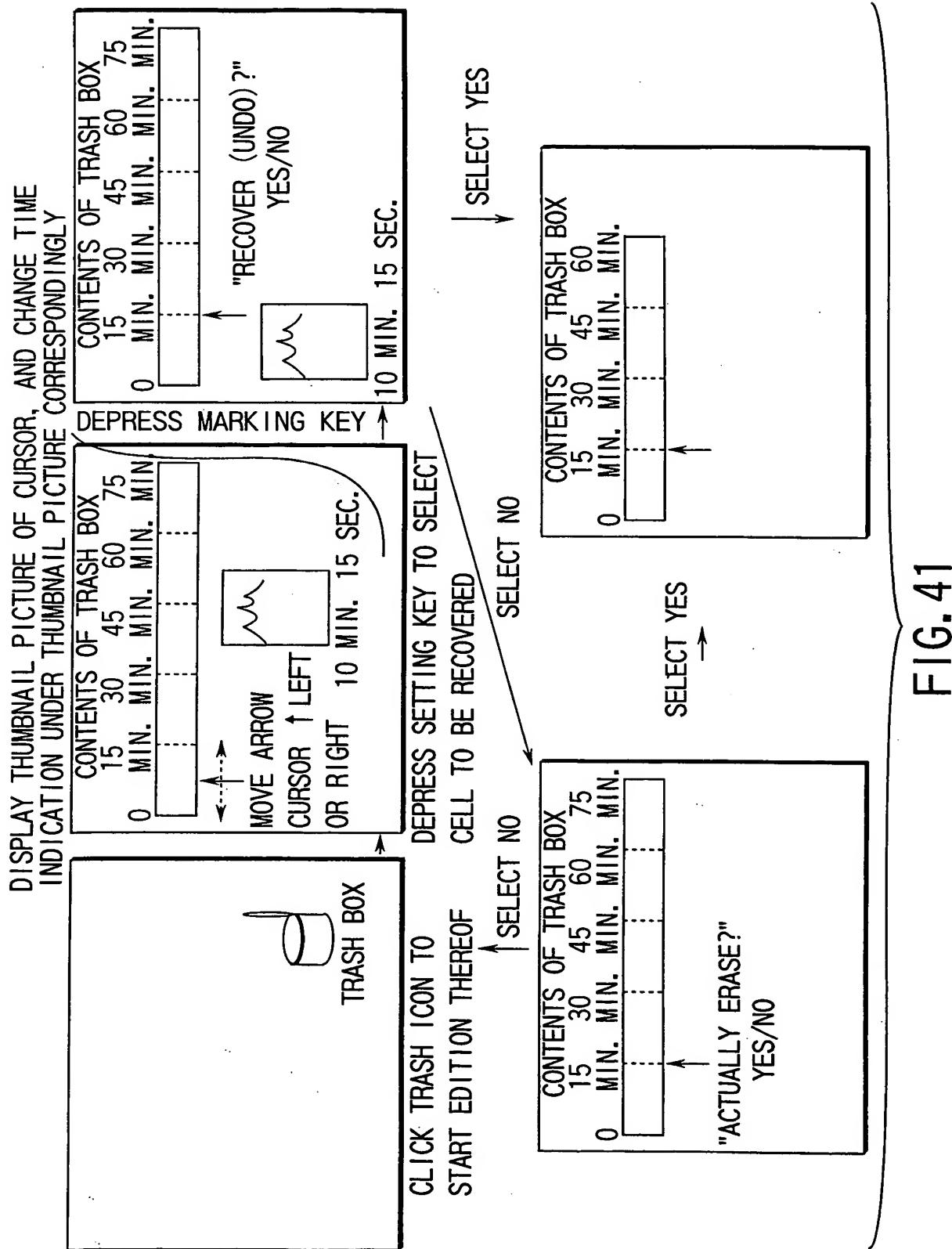


FIG. 40



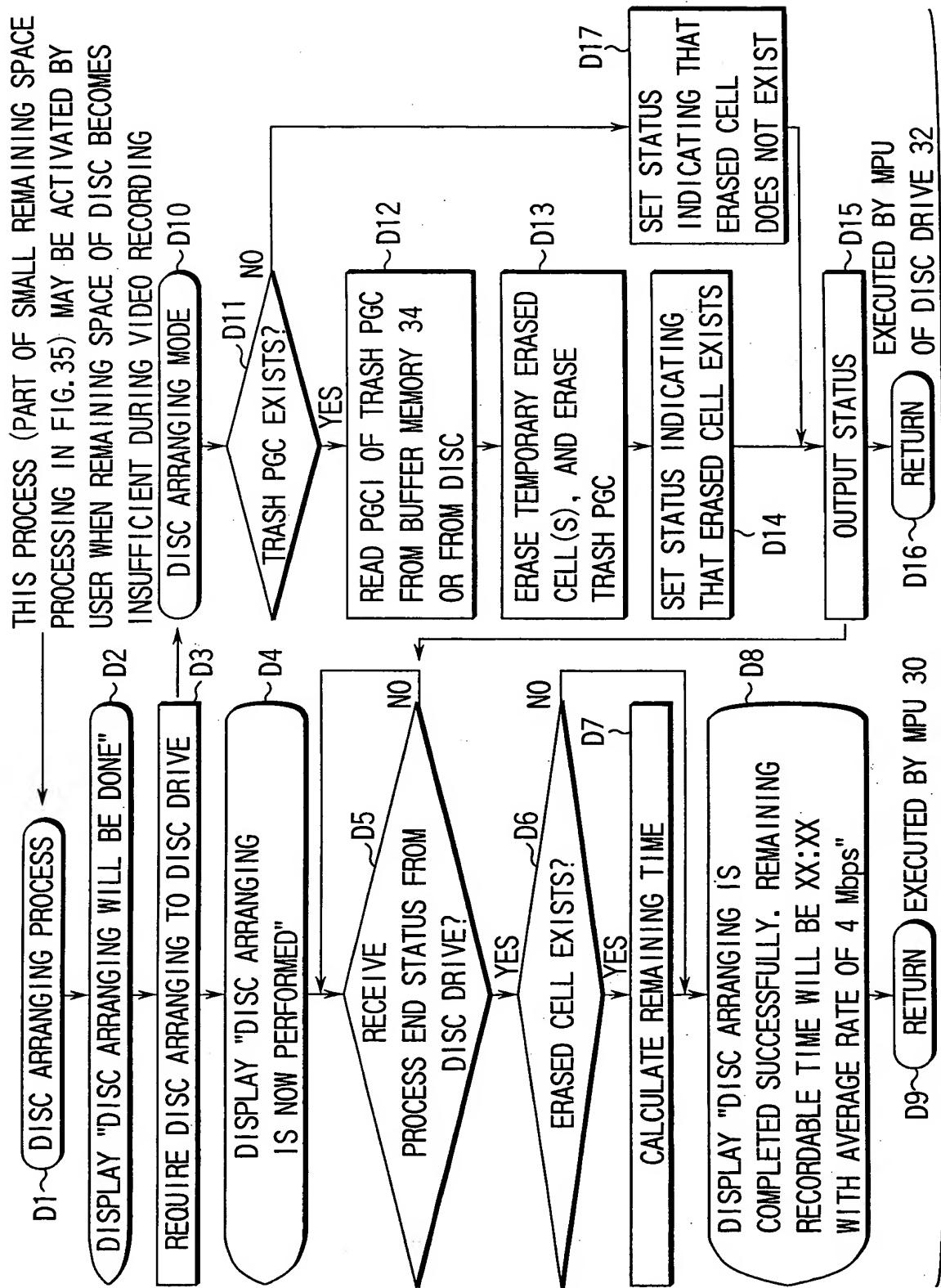


FIG. 42

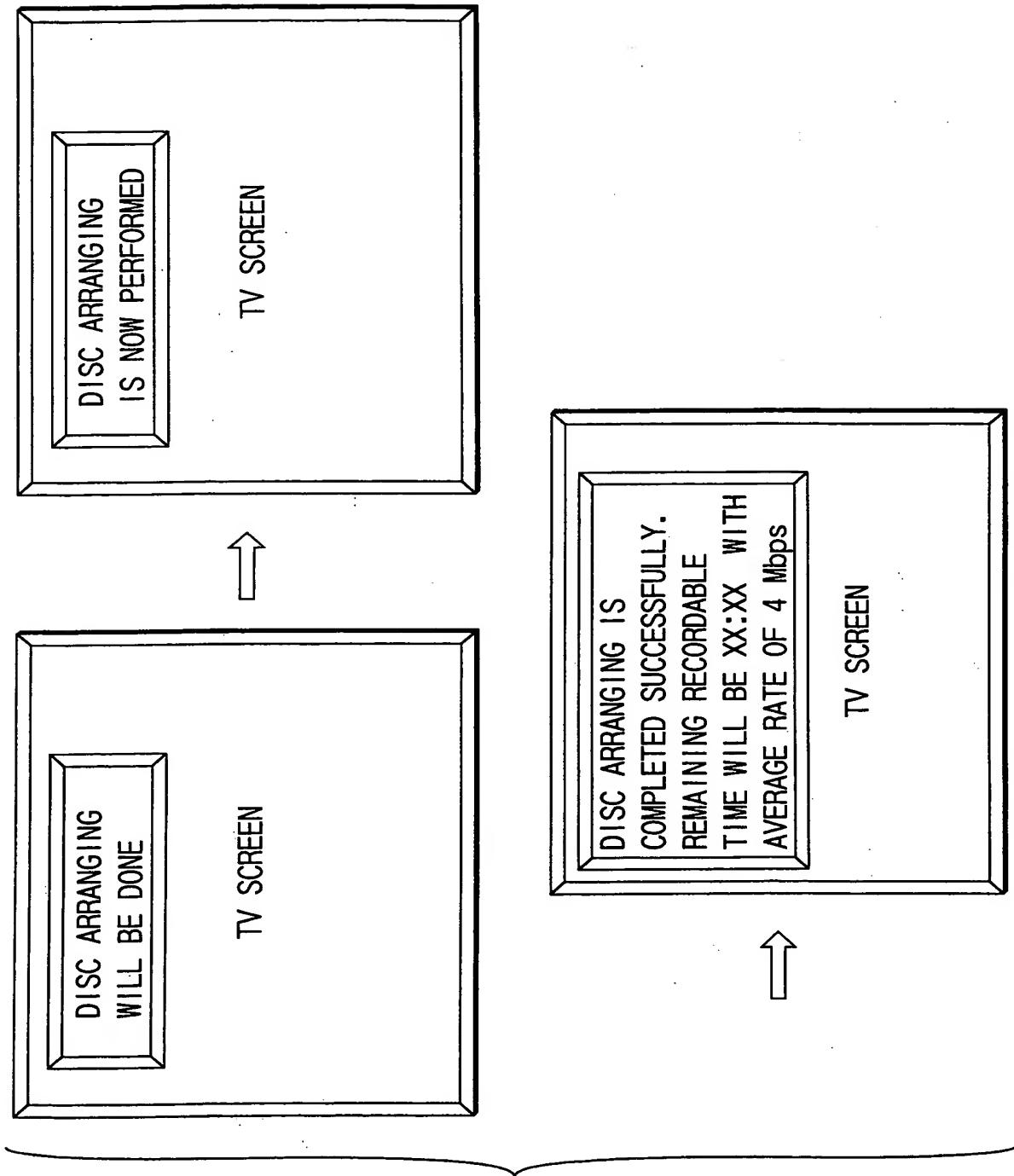


FIG. 43

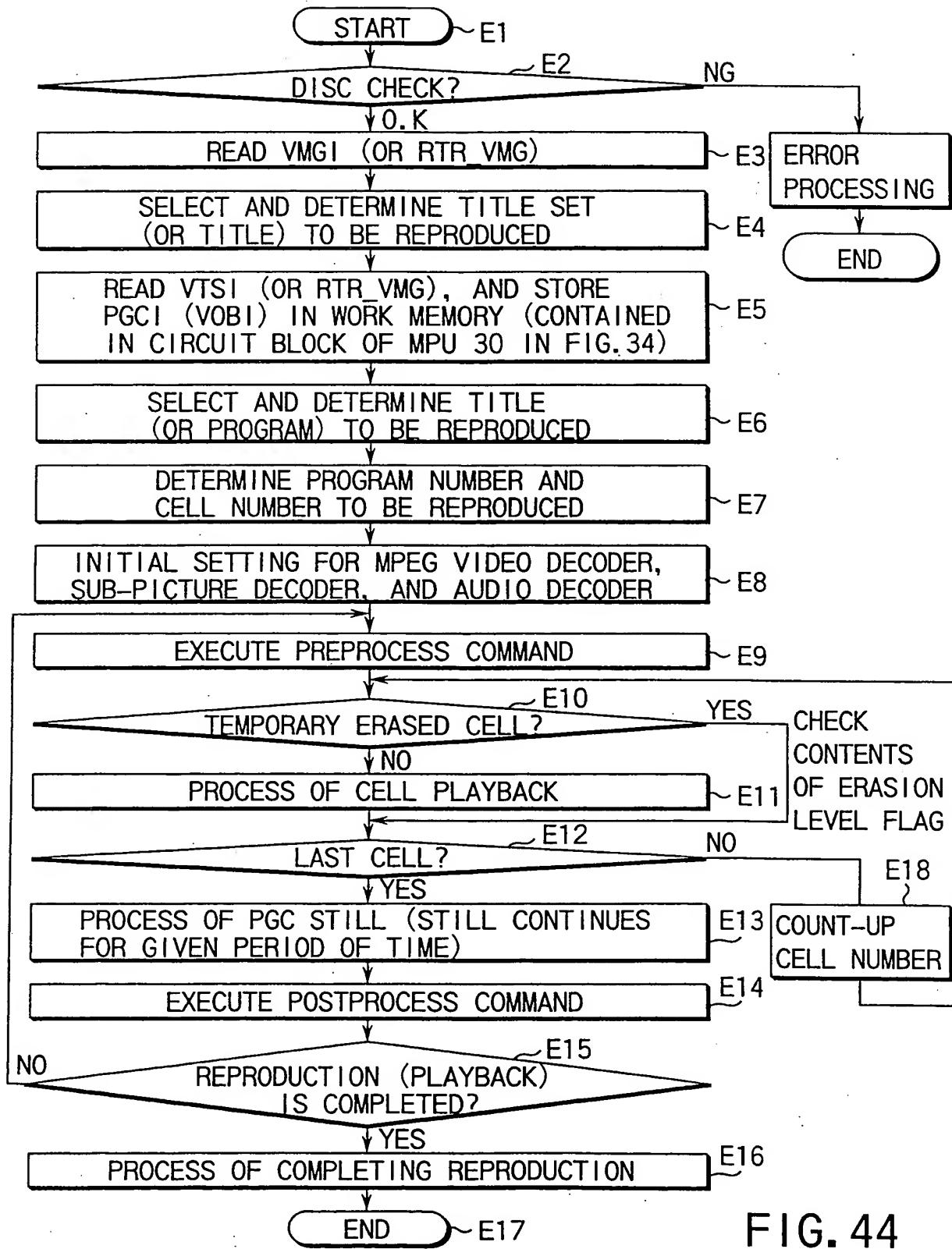


FIG. 44

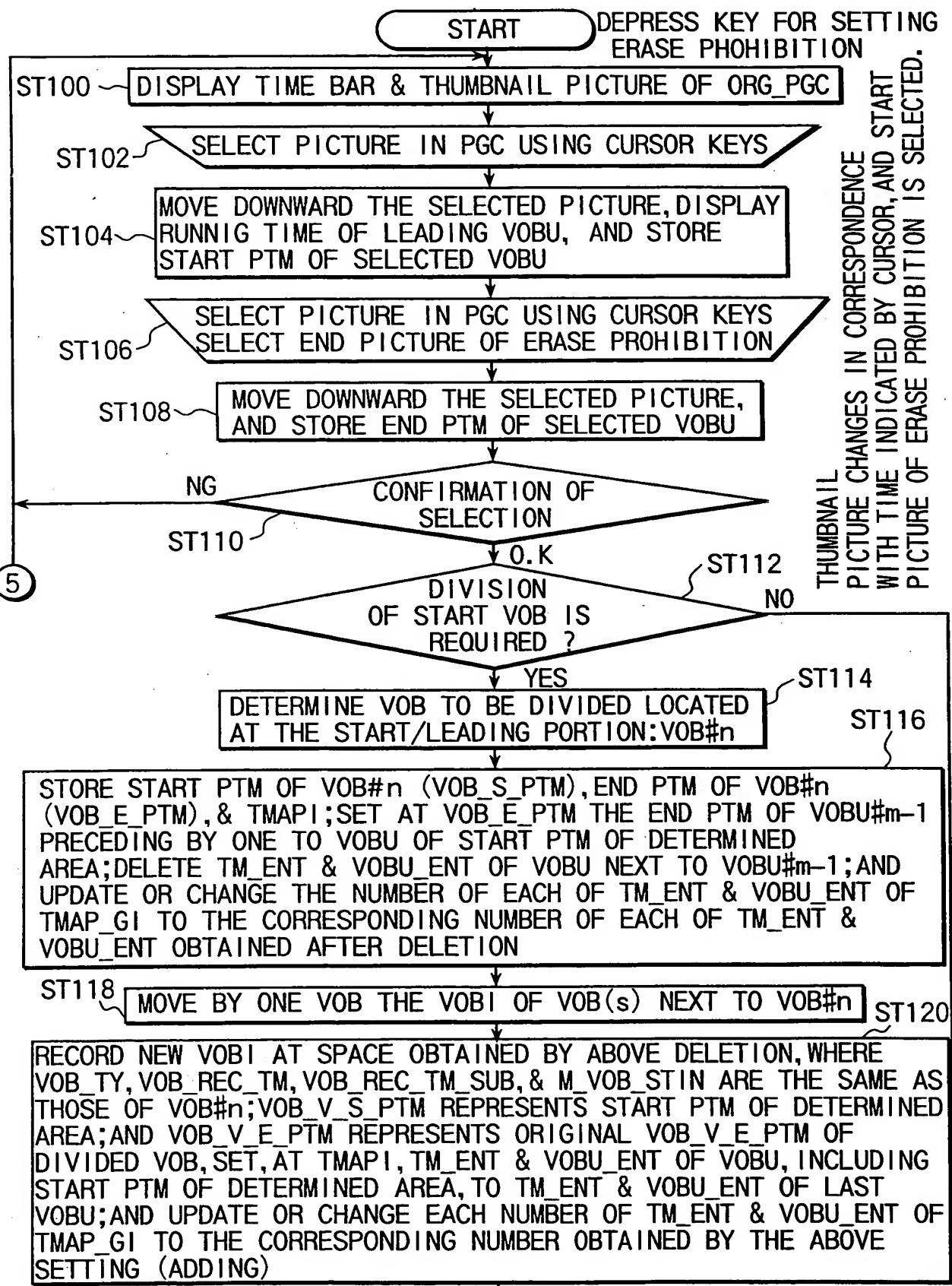


FIG. 45

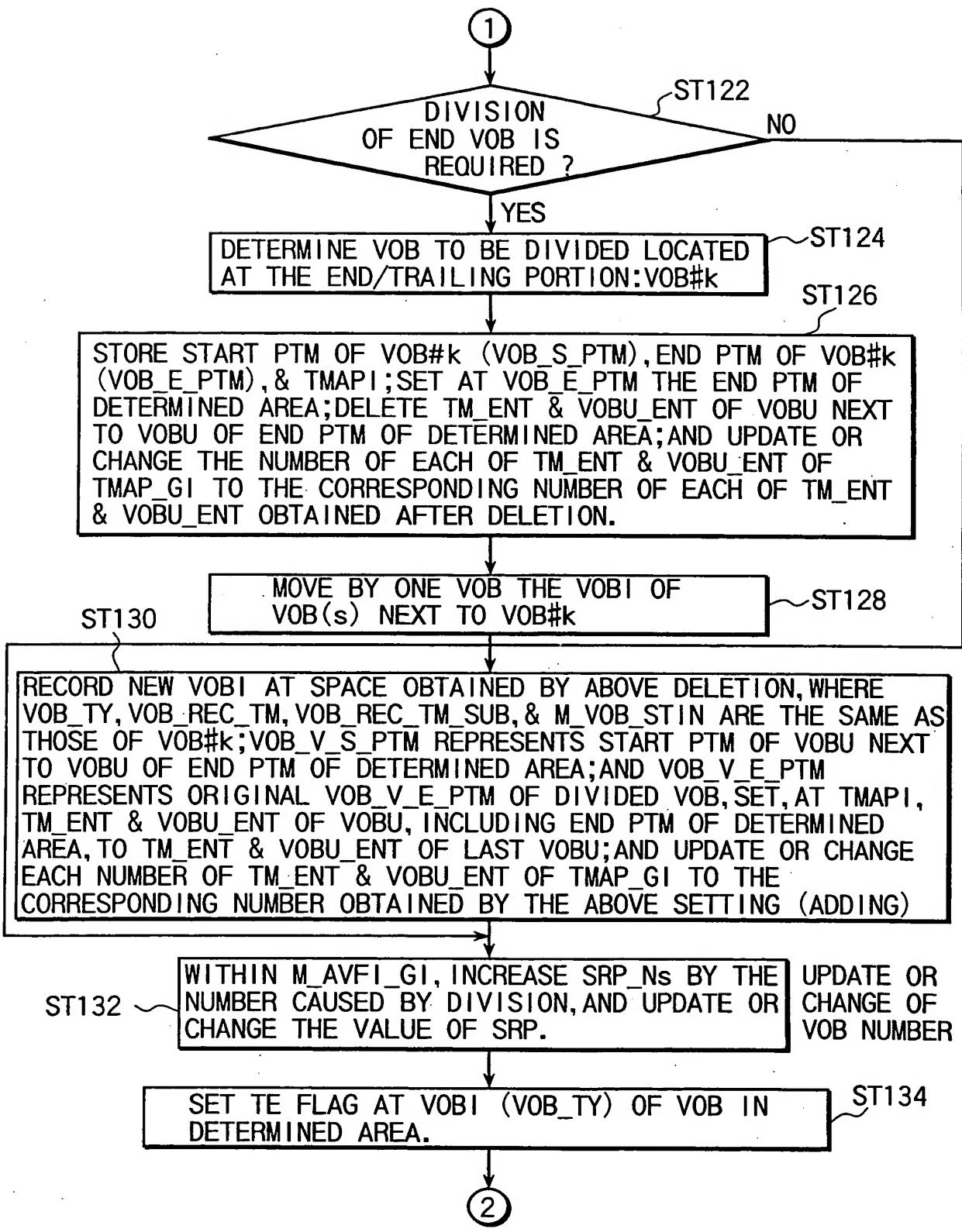


FIG. 46

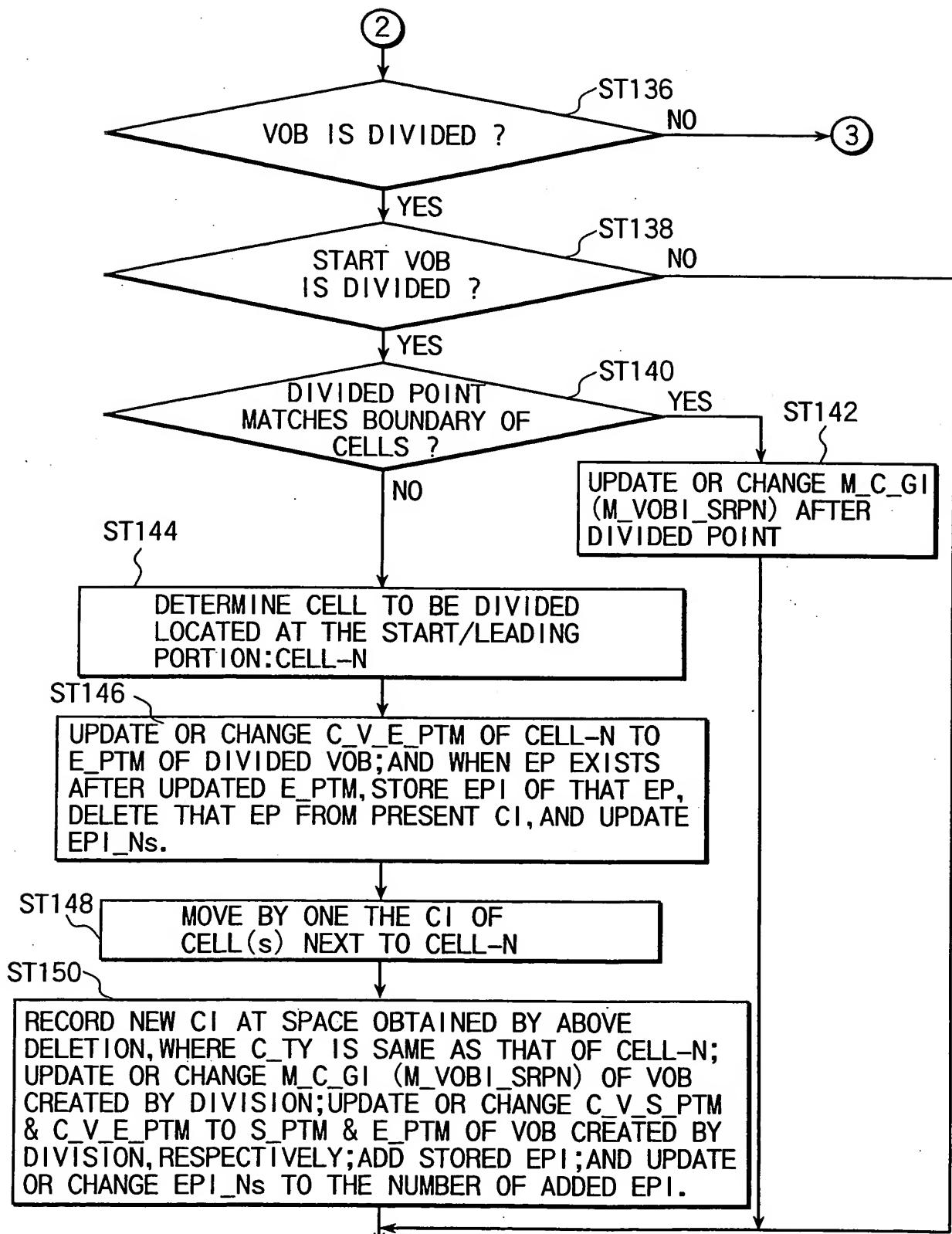


FIG. 47

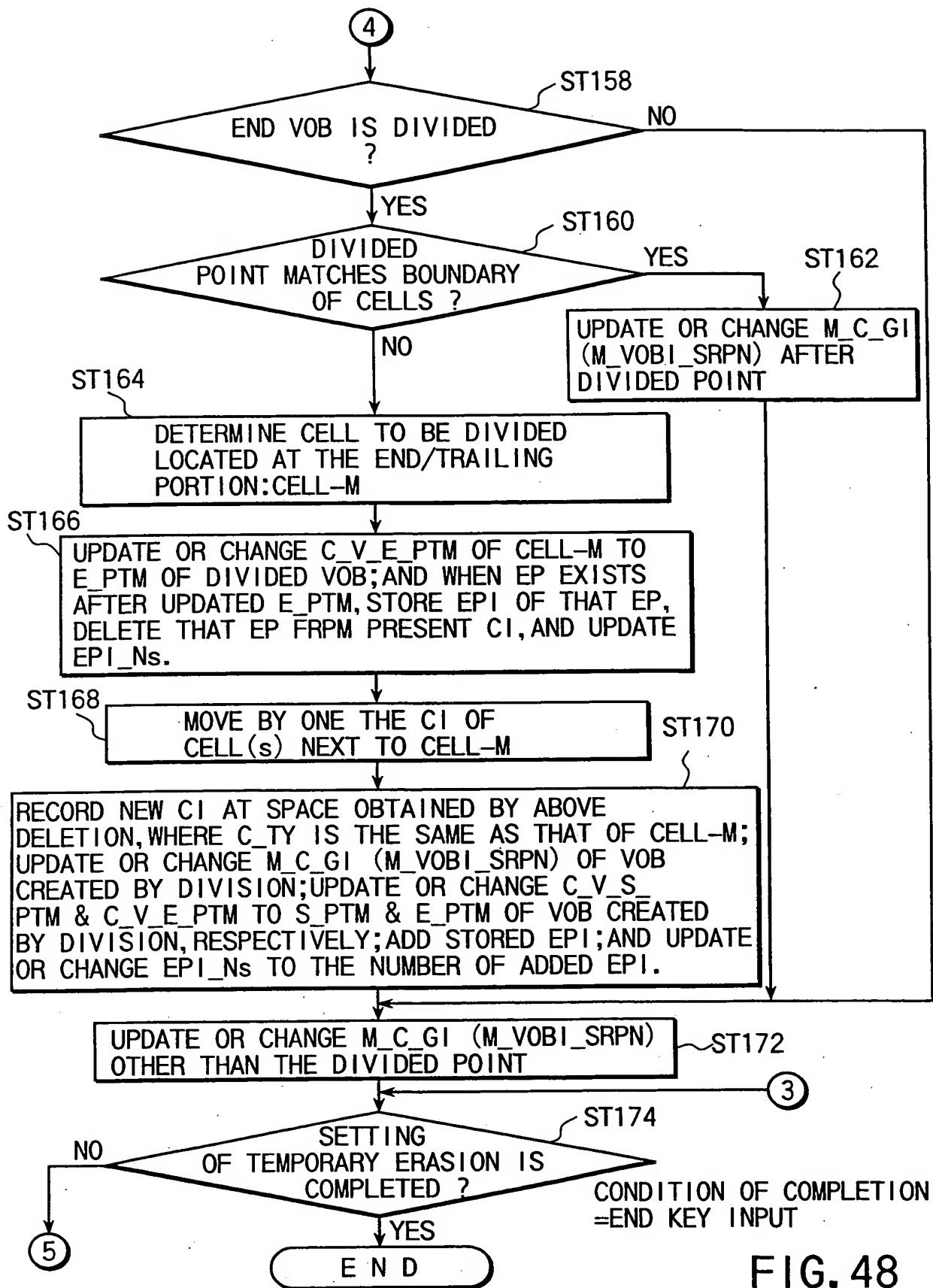


FIG. 48

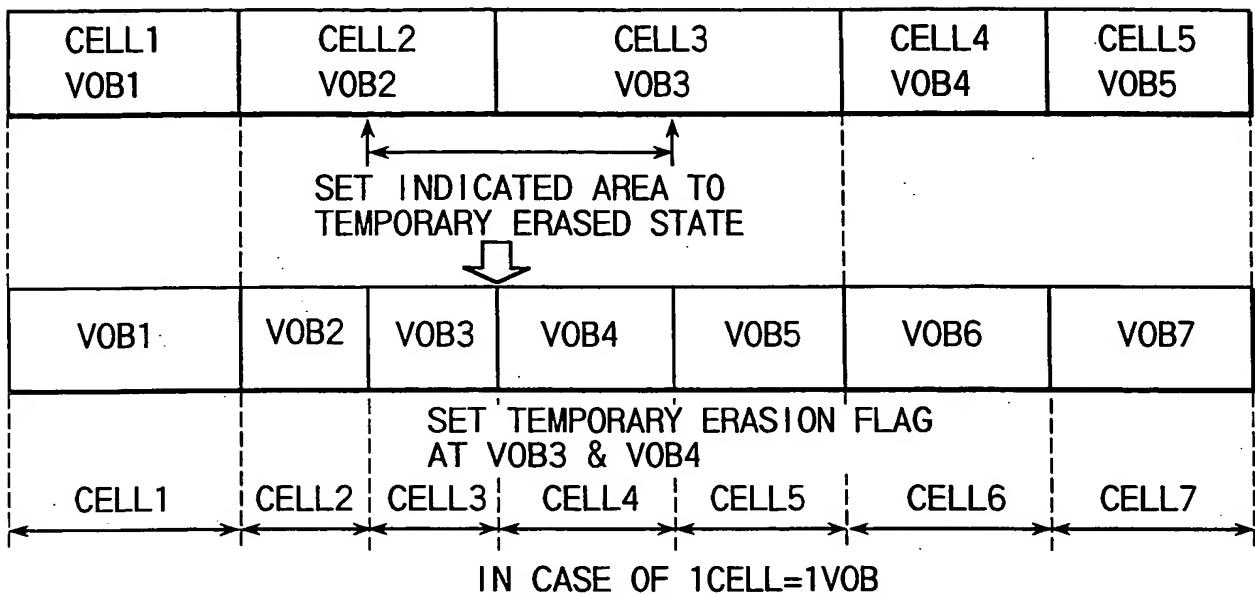


FIG. 49

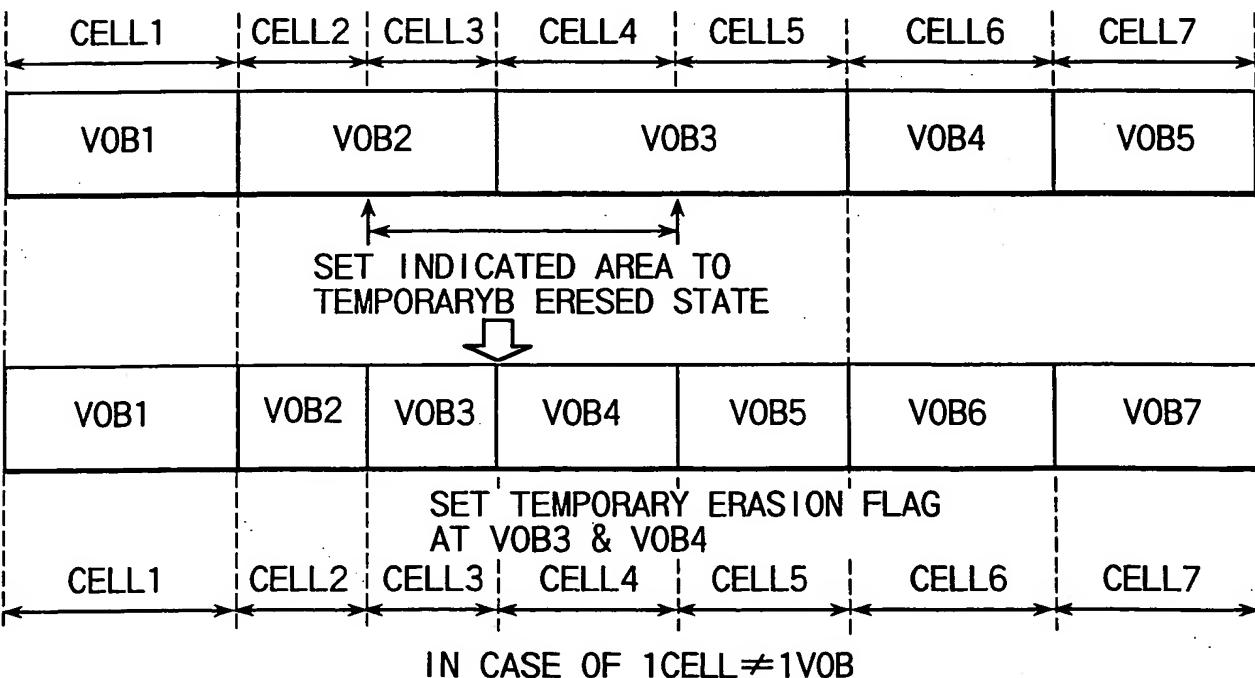


FIG. 50